



## Lista de publicaciones

### Reserva Biológica Tirimbina

Última actualización: 17 de mayo, 2022

#### 2022

1. Cedeño Fonseca, M. V., Hay, A., & Blanco Coto, M. A. (2022). A taxonomic revision of *Monstera* Adans (Araceae: Monsteroideae) in Costa Rica. *Aroideana*, 45(1), 4-198.
2. Morrison, L., Maurent, E., Finegan, B., Delgado Rodríguez, D., Casanoves, F., & Ngo-Bieng, M. A. (2022). *Recuperación de la biodiversidad en bosques neotropicales primarios y perturbados de Costa Rica*. Serie técnica. Informe técnico, no. 437. Centro Agronómico Tropical de Investigación y Enseñanza, (CATIE) Turrialba, Costa Rica.

#### 2021

3. Arroyo-Solórzano, M., & Rojas-Prendas, L. (2021). Potencial ecoturístico en Áreas Naturales Protegidas. Caso: Reserva Biológica Tirimbina, Sarapiquí, Provincia de Heredia, Costa Rica. *Revista Geográfica de América Central*, (66): 289-312.
4. Barrantes, G., Angulo-Vásquez, J., Carvajal-Cerdas, D., Ureña-Rojas, A., & Zúñiga-Madrigal, J. (2021). Day/night change in orientation of the orb weaver *Azilia guatemalensis* (Araneae: Tetragnathidae). *Arachnology*, 18(8): 918-921.
5. Cambronero, M., Avalos, G., & Alvarez-Vergnani, C. (2021). Allometric Models to Estimate Carbon Content in Arecaceae Based on Seven Species of Neotropical Palms.
6. Fernandez, A. A., Schmidt, C., Schmidt, S., Rodríguez-Herrera, B., & Knörnschild, M. (2021). Social behaviour and vocalizations of the tent-roosting Honduran white bat. *Plos one*, 16(8): e0248452.
7. Gutiérrez, E. G., Vivas-Toro, I., Carmona-Ruiz, D., Villalobos-Chaves, D., Rodríguez-Herrera, B., Real-Monroy, M. D., León Ávila, G. & Ortega, J. (2021). Socio-spatial organization reveals paternity and low kinship in the Honduran white bat (*Ectophylla alba*) in Costa Rica. *Integrative zoology*, 16(5): 646-658.
8. Lea Slinn, H. (2021). Community-level consequences of Piper chemistry on tropical herbivores, parasitoids and fungi. Tesis inédita de Doctorado. The University of Guelph. Ontario: Canada.

9. Sandoval, L., Rojas, E., Retana, M., Gutiérrez, I., & Barrantes, G. (2021). Artificial cavities and substrates for cavity-nesting birds in Neotropical urban environments: A novel resource or the last opportunity to breed?. *The Wilson Journal of Ornithology*, 133(3): 390-397. <https://doi.org/10.1676/19-00140>
10. Vivas-Toro, I., Ortega, J., & Baeza, J. A. (2021). The complete mitochondrial genome of the Honduran white bat *Ectophylla alba* (Allen 1982) (Chiroptera: Phyllostomidae). *Gene*, 802, 145868.

## 2020

11. Alpízar, P., Schneider, J & Tschapka, M. (2020). Bats and bananas: Simplified diet of the néctar-feeding bat *Glossophaga soricina* (Phyllostomidae: Glossophaginae) foraging in Costa Rican banana plantations. *Global ecology and conservation*, 24 (2020): e01254. <https://doi.org/10.1016/j.gecco.2020.e01254>
12. Baskett, C.A., Schroeder, L., Weber, M.G & Schemske, D.W. (2020). Multiple metrics of latitudinal patterns in insect pollination and herbivory for a tropical-temperate congener pair. *Ecological Monographs*, 90(1), e01397.
13. Campos Esquivel, L. (2020). Virulencia de hongos nativos del orden Hypocreales sobre *Bemisia tabaci*, estudio de las condiciones óptimas para el desarrollo de los hongos y registros de moscas blancas silvestres para Costa Rica. Tesis inédita de Maestría. Universidad de Costa Rica. San José: Costa Rica
14. Cedeño-Fonseca, M., Flores-Leitón, J.M., Jiménez J.E & López-Mora, M. 2020. Estado de conservación de *Theobroma cacao* en Costa Rica. *Phytoneuron*. 72: 1–7.
15. Hilje, B., Chaves, G., Klank, J., Timmerman, F., Feltham, J., Gillingwater, S., Piraino, T & Rojas, E. 2020. Amphibians and reptiles of the Tirimbina Biological Reserve: a baseline for conservation, research and environmental education in a lowland tropical wet forest in Costa Rica. *Check List*, 16 (6): 1633-1655.
16. Karremans, A., Salguero, G., Bogarín, D., Oses, L & Cedeño-Fonseca, M. Illustrations and studies in Neotropical Orchidaceae: the *Specklinia brighamii* group in Costa Rica. *Phytotaxa* 447 (1): 016-030. <https://checklist.pensoft.net/article/53857/>
17. Klank, J., Chaves, G & Arias, E. Range expansión of the Gulf Coast Toad, *Incillus valliceps* (Wiegmann, 1833) (Anura, Bufonidae), from Costa Rica. *Check List*, 16 (3): 753–757. <https://checklist.pensoft.net/article/51114/>

18. Ortiz-Ross, X., Thompson, M.E., Salicetti-Nelson, E., Vargas-Ramírez, O., Donnelly, M.A. (2020). Ovoposition site selection in Three Glass Frog Species. *Copeia* 108, No. 2, 2020, 333–340
19. Roberti Alves de Almeida, D., Almeyda-Zambrano, A.M., North, E., Wendt, A.L., Foster, P., Wilkinson, B.E, Salk, C., De Almeida Papa, D., Stark, S., Valbuena, R., Bastos, E., Silva, C.A., Santin, P.H., Fagan, M., Meli, P & Chazdon, R. (2020). Detecting successional changes in tropical forest structure using GatorEye drone-borne lidar. *Biotropica*, 00:1–13.
20. Román-Herácleo, J & Springer, M. (2020). First record of *Elga leptostyla* Ris, 1911 (Odonata, Libellulidae) from Costa Rica. *Check List* 16 (4): 911–914. <https://checklist.pensoft.net/article/53857/>.
- 21.** Román-Herácleo, J., Novelo-Gutiérrez, R & Springer, M. (2020). First description of the larva of *Psaironeura* base don specimens of *P. angeloi* from Costa Rica (Odonata: Coenagrionidae: Protoneurinae), with a key to the genera of Central American Protoneurinae. *International Journal of Odonatology*. <https://doi.org/10.1080/13887890.2020.1752829>
22. Sandoval, L., Barrantes, G., Protti-Sánchez, F & García-Rodríguez, A. (2020). Male orientation on vocalization perches could optimize acoustic signal in anurans. *Ethology*, 00:1–9. DOI: 10.1111/eth.13097
23. Stylman, M., Penz, C. M., & DeVries, P. (2020). Large hind wings enhance gliding performance in ground effect in a Neotropical butterfly (Lepidoptera: Nymphalidae). *Annals of the Entomological Society of America*, 113(1): 15-22.
24. Villegas, S. (2020). First record of a Semiplumbeous Hawk (*Leucopternis semiplumbeus*) preying on a Red-Throated Ant-Tanager (*Habia Fuscicauda*) in Tirimbina Biological Reserve, Costa Rica. *El hornero*, 35(2): 127-130.

## 2019

25. Alpízar, P., Rodríguez-Herrera, B., & Jung, K. (2019). The effect of local land use on aerial insectivorous bats (Chiroptera) within the two dominating crop types in the Northern-Caribbean lowlands of Costa Rica. *PLOS ONE* | <https://doi.org/10.1371/journal.pone.0210364>
26. Araya-Salas, M., Smith-Vidaurre, G., Mennill, D. J., González-Gómez, P. L., Cahill, J., & Wright, T. F. (2019). Social group signatures in hummingbird displays provide evidence of

co-occurrence of vocal and visual learning. *Proceedings of the Royal Society B*, 286(1903), 20190666.

27. Avalos, G., Gei, M., Ríos, L.D., Fernández-Otárola, M., Cambroner, M., Alvarez-Vergnani, C., Sylvester, O & Rojas, G. Scaling of stem diameter and height allometry in 14 neotropical palm species of different forest strata. *Oecologia*. <https://doi.org/10.1007/s00442-019-04452-7>
28. Baskett, C. A., Schroeder, L., Weber, M. G., & Schemske, D. W. Multiple metrics of latitudinal patterns in insect pollination and herbivory for a tropical-temperate congener pair. *Ecological Monographs*.
29. Bittar, C., Machado, R. R. G., Comelis, M. T., Bueno, L. M., Beguelini, M. R., Morielle-Versute, E., ... & Rahal, P. (2019). Alphacoronavirus Detection in Lungs, Liver, and Intestines of Bats from Brazil. *Microbial ecology*, 1-10.
30. Cossel, J.O., Twining J.E., Di Stefani, K.L., O'Brien, A., Reich, A.S & Sandoval-Alanis, J. (2019). Vocalizations of five species of frogs in the *Craugastor podiciferus* group (Anura: Craugastoridae) from Costa Rica. *Herpetological Conservation and Biology* 14(1):235–249
31. Gessinger, G., Gonzalez-Terrazas, T. P., Page, R. A., Jung, K., & Tschapka, M. (2019). Unusual echolocation behaviour of the common sword-nosed bat *Lonchorhina aurita*: an adaptation to aerial insectivory in a phyllostomid bat?. *Royal Society open science*, 6(7), 182165.
32. Ley-López, J. M., González, J., & Hanson, P. E. (2019). Plants and gall hosts of the Tirimbina Biological Reserve, Sarapiquí, Costa Rica: Combining field sampling with herbarium records. *Revista de Biología Tropical*, 67(2 SUPL), S212-S227.
33. Nice, C. C., Fordyce, J. A., Bell, K. L., Forister, M. L., Gompert, Z., & DeVries, P. J. (2019). Vertical differentiation in tropical forest butterflies: a novel mechanism generating insect diversity?. *Biology Letters*, 15(1), 20180723.
34. Ripperger, S. P., Rehse, S., Wacker, S., Kalko, E. K., Schulz, S., Rodriguez-Herrera, B., & Ayasse, M. (2019). Nocturnal scent in a 'bird-fig': A cue to attract bats as additional dispersers?. *PloS one*, 14(8).
35. Rodríguez-Herrera, B., Arroyo-Cabrales, J., & Medellín, R. A. (2019). Hanging out in tents: social structure, group stability, male behavior, and their implications for the mating system of *Ectophylla alba* (Chiroptera: Phyllostomidae). *Mammal Research*, 64(1), 11-17.

36. Rodríguez-Herrera, B., Rodríguez, P., Watson, W., McCracken, G. F., Medellín, R. A., & Galván, I. (2019). Sexual dichromatism and condition-dependence in the skin of a bat. *Journal of Mammalogy*, 100(2), 299-307.
37. Román-Heráclio, J., Springer, M & Novelo-Gutiérrez, R. (2019). Descriptions of the larvae of *Acanthagrion speculum* and *A. trilobatum* from Costa Rica (Odonata: Coenagrionidae). *Zootaxa*, 4624 (2): 219–229.
38. Stylman, M. (2019). Enlarged hind wings of the Neotropical butterfly *Pierella helvina* (Nymphalidae) enhance gliding flight performance in ground effect.
39. Zumbado-Ulate, H., García-Rodríguez, A., Vredenburg, V. T., & Searle, C. (2019). Infection with *Batrachochytrium dendrobatidis* is common in tropical lowland habitats: Implications for amphibian conservation. *Ecology and evolution*, 9(8), 4917-4930.

## 2018

40. Barrantes, G., Segura-Hernández, L., Solano-Brenes, D., & Hanson, P. (2018). When a little is enough: cocoon web of *Kapogea cyrtophoroides* (Araneae: Araneidae) induced by *Hymenoepimecis heidyae* (Ichneumonidae: Pimplinae). *Arachnologische Mitteilungen: Arachnology Letters* [Note: Arachnology Letters is the subtitle], 55(1), 30-35.
41. Cambroner, M., Avalos, G., & Alvarez-Vergnani, C. (In press). Variation in the Carbon Fraction of Seven Neotropical Palm Species of Different Forest Strata. *PALMS*.
42. Chacón, I. A., DeVries, P. J. & Penz, C. M. (2018). Description of a new subspecies of *Cunizza hirlanda* (Pieridae: Anthocharidini) from Costa Rica. *Journal of the Lepidopterists' Society*, 72, 121-126.
43. Dias, F. M. S., Janzen, D., Hallwachs, W., Chacón, I., Willmott, K., Ortiz-Acevedo, E., ... & Casagrande, M. M. (2018). DNA barcodes uncover hidden taxonomic diversity behind the variable wing patterns in the Neotropical butterfly genus *Zaretis* (Lepidoptera: Nymphalidae: Charaxinae). *Zoological Journal of the Linnean Society*, 185(1), 132-192.
44. Gagné, R. J., Ley-López, J. M., & Hanson, P. (2018). First New World Record of a Gall Midge from Palms: A New Species of *Contarinia* (Diptera: Cecidomyiidae) from *Geonoma cuneata* in Costa Rica. *Entomological Society of Washington*, 120, 51-61.
45. Garita-Alvarado, C. A., Barluenga, M., & Ornelas-García, C. P. (2018). Parallel evolution of morphs of *Astyanax* species (Teleostei: Characidae) in México and Central America. *Biological Journal of the Linnean Society*, 124(4), 706-717.

46. Lapinski, W., & Tschapka. (2018). Vertical distribution of wandering spiders in Central America. *Journal of Arachnology*, 46, 13-20.
47. Rodríguez-Herrera, B., Rodríguez, M. E., & Otárola, M. F. (2018). Ecological networks between tent-roosting bats (Phyllostomidae: Stenodermatinae) and the plants used in a Neotropical rainforest. *Acta Chiropterologica*, 20(1), 139-145.
48. Román-Heracleo, J., Springer, M., & Ramírez, A. (2018). The larva of *Perissolestes remotus* (Williamson & Williamson, 1924)(Zygoptera: Perilestidae). *International Journal of Odonatology*, 1-7.
49. Sandoval, L., Martínez, D., Ocampo, D., Pizarro, M. V., Araya-H, D., Carman, E., ... & García-Rodríguez, A. (2018). Range expansion and noteworthy records of Costa Rican birds (Aves). *Check List*, 14, 141.
50. Sanfiorenzo, A., Sanfiorenzo, M., Vargas, R., Waits, L., & Finegan, B. (2018). Potential pollinators of understory populations of *Symphonia globulifera* in the Neotropics. *Journal of Pollination Ecology*, 22.
51. Slinn, H. L., Richards, L. A., Dyer, L. A., Hurtado, P. J., & Smilanich, A. M. (2018). Across multiple species, phytochemical diversity and herbivore diet breadth have cascading effects on herbivore immunity and parasitism in a tropical model system. *Frontiers in Plant Science*, 9.
52. Thompson, M. E., Halstead, B. J., & Donnelly, M. A. (2018). Thermal quality influences habitat use of two anole species. *Journal of Thermal Biology*, 75, 54-61.
53. Umaña-Castro, R., Cambronero-Granados, J. A., Carvajal-Sánchez, J. P., & Alfaro-Montoya, J. (2018). Identificación molecular y distribución potencial del anfípodo terrestre *Talitroides topitotum* (Crustacea: Amphipoda: Talitridae) en Costa Rica. *Acta Biológica Colombiana*, 23(1), 104-115.
54. Young, A. M. & Hunter, J. R. (2018). A technique to increase cocoa pod production by enhancing insect pollination: implications for different environments. 115-136 pp. En, *The diversified benefits of cocoa and chocolate*, B. Z. Espinal (ed)., NY, Nova Science Publishers.

55. Angulo, A., Naranjo-Elizondo, B., Rojas, E., & Ley-López, J. M. (2017). Fishes from the Tirimbina Biological Reserve, La Virgen de Sarapiquí, Heredia, Costa Rica. *Checklist*, 13, 683-702.
56. Folt, B., & Lapinski, W. (2017). New observations of frog and lizard predation by wandering and orb-weaver spiders in Costa Rica. *Phyllomedusa*, 16, 269-277.
57. Ley-López, J. M., & Avalos, G. (2017). Propagation of the palm flora in a lowland tropical rainforest in Costa Rica: Fruit collection and germination patterns. *Tropical Conservation Science*, 10, 1-12.

## 2016

58. Céspedes, E., G. Umaña., & M. Silva. (2016). Información ecológica de diez especies de diatomeas (Bacillariophyceae) en el río Sarapiquí, Heredia, Costa Rica. *Revista de Biología Tropical*, 64, 121-131.
59. Larsen, T.H. (2016). *Core Standardized Methods for Rapid Biological Field Assessment*. Conservation International. Arlington, VA.
60. Madrigal, F. H. (2015). Primer registro del género *Ocyochterus* en Colombia y nuevos registros de Ochteridae en Costa Rica (Hemiptera: Heteroptera). *Acta Biológica Colombiana*, 20, 255-257.
61. Rojas, E., Vargas, J., Barrantes, G., & Sandoval, L. (2016). Observations on the breeding behaviour of Snowy Cotinga *Carpodectes nitidus*. *Cotinga*, 38: OL 14–19.
62. Rubio, N. (2016). Modelación de respuestas ordinales longitudinales mediante Modelos Lineales Generalizados Mixtos. UNIVERSIDAD NACIONAL DEL COMAHUE. Tesis de Maestría en Estadística Aplicada
63. Villalobos, D., Murillo, J. V., Valerio, E., R., Keeley, B. W., & Rodríguez-Herrera, B. (2016). Understory bat roosts, availability and occupation patterns in a Neotropical rainforest of Costa Rica. *Revista de Biología Tropical*, 64, 1333-1343.
64. Young, A. M., Barry, K., Schnitzer, S. A. (2016). Top-down versus bottom-up ecological control in cacao, *Theobroma cacao* L. *Tropical Agriculture*, 93, 216-226.
65. Zapata, S. Z., Guerrero, S., Romero-Almaraz, & Sánchez-Hernández, C. (2016). Coloración atípica en murciélagos: frecuencia y fenotipos en Norte y Centroamérica e islas del Caribe y nuevos casos para México y Costa Rica. *Revista Mexicana de Biodiversidad*, 87, 474-482.

## 2015

66. Hamm C. (2015) *Selaginella* and the satyr: *Euptychia westwoodi* larval performance on an ancient plant lineage. PeerJ PrePrints 3:e775v1.
67. Lapinski, W., Walther, P., & Tschapka, M. (2015). Morphology reflects microhabitat preferences in an assemblage of neotropical wanderingspiders. *Zoomorphology*, doi 10.1007/s00435-015-0257-8.
68. Ley-López, J. M., & Morales, C. O. (2015). Descripción y clave dicotómica de plántulas de especies de palmas (Arecaceae) nativas de la Reserva Biológica Tirimbina, Costa Rica, con observaciones generales sobre propagación e historia natural. *Métodos en Ecología y Sistemática*, 10, 1-40.
69. Michel, N. L., Carson, W. P., & Sherry, T. W. (2015). Do Collared Peccaries Negatively Impact Understory Insectivorous Rain Forest Birds Indirectly Via Lianas and Vines? *Biotropica*, 0, 1-13.
70. Moreira-Soto A., Taylor-Castillo, L., Vargas-Vargas, N., Rodríguez-Herrera, B., Jiménez, C., & Corrales-Aguilar, E. (2015). Neotropical Bats from Costa Rica harbour Diverse Coronaviruses. *Zoonoses and Public Health*, 62, 501-505.
71. Rodríguez-Herrera, B., Viquez, L. R., Cordero-Schmidt, E., Sandoval, J. M., & Rodríguez-Durán, L. (2015). Energetics of tent roosting in bats: the case of *Ectophylla alba* and *Uroderma bilobatum* (Chiroptera: Phyllostomidae). *Journal of Mammalogy*, 97, 246-252.
72. Silva A. S. & Lobo, J. A. (2015). Reproductive Biology and Herkogamy of *Psychotria elata* (Rubiaceae), a *Distylous* Species of the Tropical Rain Forest of Costa Rica. *American Journal of Plant Science*, 6, 433-444.
73. Young, A. M., & Sanborn, A. F. (2015). The seasonal and nocturnal attraction of *Proarna* and *Pacarina* cicadas to lights in the Caribbean floodplain of Costa Rica and in French Guiana (Hemiptera: Cicadidae). *Entomologica Americana*, 121, 13-17.

## 2014

74. Bourg A., & Hanson, P. (2014). Host Specificity of Gall Midges (Diptera:Cecidomyiidae) on Ten Species of *Inga* (Fabaceae). *In*, *Neotropical Insect Galls* (151-161). Springer, Dordrecht.
75. Cormier, A. (2014). Species diversity and activity of insectivorous bats in three habitats in La Virgen de Sarapiquí, Costa Rica. *Revista de Biología Tropical*, 62, 939-946.
76. Grøtan, V., Lande, R., & DeVries, P. J. (2014). Seasonal cycles of diversity and similarity in a Central American rainforest butterfly community. *Ecography*, 37, 509-516.



77. Jiménez, R. R., & Abarca, J. G. (2014). Range extension of the mourning gecko (*Lepidodactylus lugubris*) in the Caribbean versant of Costa Rica. *Herpetotropicos*, 10, 31-32.
78. Lapinski, W., & Tschapka, M. (2014). Desiccation resistance reflects patterns of microhabitat choice in a Central American assemblage of wandering spiders. *The Journal of Experimental Biology*, 217, 2789-2795.
79. Pacheco-Chaves B., Figueiredo-Moreira, F. F. & Springer, M. 2014. New records of Gerromorpha (Insecta: Hemiptera:Heteroptera) from Costa Rica. *Checklist*, 10, 180-186.
80. Reyes, S. L., Hijonosa, C. G., Velásquez, R. M., & Gutiérrez-Medina, E. A. (2014). Modelo de gestión para el desarrollo sustentable del ecoturismo, un enfoque comparativo de Costa Rica, Chiapas, México. *Revista Iberoamericana de Producción Académica y Gestión Educativa*.
81. Rodríguez-Herrera, B. (2014). Maximum weight capacity of leaves used by tent-roosting bats: implicatons for social structure. *Chiroptera Neotropical*, 19, 36-43.
82. Rupert, J.E., Cordero-Schmidt, E., Moreira-Soto, A., Rodríguez-Herrera, B., Vandeberg, J. L., & Butcher, M. T. (2014). Myosin Isoform Expression in the Prehensile Tails of Didelphid Marsupials: Functional Differences Between Arboreal and Terrestrial Opossums. *The Anatomical Record*, 1364-1376.
83. Stephen, C., & Sánchez, R. (2014). Species richness and relative species abundance of Nymphalidae (Lepidoptera) in three forests with different perturbations in the North-Central Caribbean of Costa Rica. *Revista de Biología Tropical*, 62, 919-928.
84. Vargas, E. C. (2014). Análisis taxonómico de las principales especies de diatomeas (Bacillariophyceae) en seis sitios en la cuenca del río Sarapiquí, Heredia, Costa Rica. Tesis inédita de Licenciatura. Universidad de Costa Rica. San José: Costa Rica

### 2013

85. Angulo, A., & Gracian-Negrete, J. M. (2013). A new species of *Brycon* (Characiformes: Characidae) from Nicaragua and Costa Rica, with a key to the lower Mesoamerican species of the genus. *Zootaxa*, 3731, 255-266.
86. Araya-Salas M., & Barrantes, G. (2013). Variación geográfica y posibles mecanismos de evolución cultural en *Microcerculus philomela*. *Zeledonia*, 17, 24-34.

87. Astiazarán-Azcárraga A. (2013). Riqueza y la abundancia de mamíferos medianos de la reserva biológica Tirimbina, Costa Rica. *Therya*, 4, 597-601.
88. Davies, S J., Cavers, S., Finegan, B., Breed, M. F., & Lowe, A. J. (2013). Pollen flow in fragmented landscapes maintains genetic diversity following stand-replacing disturbance in a neotropical pioneer tree, *Vochysia ferruginea* Mart. *Heredity*, 1-5.
89. Escalante, I. (2013). Comportamiento de canto, descripción de las vocalizaciones y su posible variación geográfica en Costa Rica en *Myiothlypis fulvicauda* (Parulidae: Aves). *Zeledonia*, 17, 35-53.
90. Parker-Shames, P. & Rodríguez-Herrera, B. (2013). Maximum weight capacity of leaves used by tent-roosting bats: implications for social structure. *Chiroptera Neotropical*, 19, 36-43.
91. Ripperger S. P., Tschapka, M., Kalko, E. K. V., Rodríguez-Herrera, B., & Mayer, F. (2013). Life in a mosaic landscape: anthropogenic hábitat fragmentation affects genetic population structure in a frugivorous bat species. *Conservation Genetics*, 14, 925-934.
92. Sagot M., Rodríguez-Herrera, B., & Stevens, R. D. (2013). Macro and Microhabitat Associations of the Peter's Tent-Roosting Bat (*Uroderma bilobatum*): Human Induced Selection and Colonization? *Biotropica*, 45, 511-519.
93. Villalobos-Chaves, D., Barrantes. G., Fuchs, E. J., & Rodríguez-Herrera, B. (2013). Canines as a measuring tool for a leaf tent construction in *Dermanura watsoni*. *Acta Chiropterologica*, 15, 441-449.

## 2012

94. Alexander, L. G., & DeVries, P. J. (2012). Variation in capture height and trap persistence among three Costa Rican understorey butterfly species. *Journal of Tropical Ecology*, 28, 585-589.
95. Alpízar, P., Víquez. L. R., Hong, F., Rodríguez-Herrera, B., & González-Maya, J. F. (2013). Efecto de los claros de bosque en la composición de murciélagos insectívoros en la Reserva Biológica la Tirimbina, Sarapiquí, Costa Rica. *Revista Biodiversidad Neotropical* 2, 134-138.
96. Araya-Salas, M. (2012). Is birdsong music? Evaluating harmonic intervals in songs of a Neotropical songbird. *Animal Behaviour*, 84, 309-313.

97. Bezanson, M., Stowe, R., & Watts, S. M. (2012). Reducing the Ecological Impact of Field Research. *American Journal of Primatology*, 00, 1-9.
98. Cruz da Silva E. L. & Lapinski W. (2012). A new species of *Trechalea Thorell*, 1869 (Araneae: Lycosoidea: Trechaleidae: Trechaleinae) from Costa Rica, with notes on its natural history and ecology. *Zootaxa*, 3563, 58–64.
99. DeVries, P. J., Alexander, L. G., Chacon, I. A., & Fordyce, J. A. (2012). Similarity and difference among rainforest fruit-feeding butterfly communities in Central and South America. *Journal of Animal Ecology*, 81, 472-482.
100. Grishin N. V. (2012). A New Central American *Anastrus* With Unexpectedly Distinct Genitalia (Lepidoptera, HesperIIDae, Pyrginae). *Trop. Lepid. Res.* 22, 1-7.
101. Heer, K., Machado, C. A., Himler, A. G., Herre, E. A., Kalko, E. K. V., & Dick, C. W. (2012). Anonymous and EST-based microsatellite DNA markers that transfer broadly across the fig tree genus (*Ficus*, Moraceae). *American Journal of Botany*, e, 330-333.
102. Hilje, B., & Aide, T. M. (2012). Calling activity of the common tink frog (*Diasporus diastema*) (Eleutherodactylidae) in secondary forests of the Caribbean of Costa Rica. *Tropical Conservation Science*, 5, 25-37.
103. Hilje, B., & Aide, T. M. (2012). Recovery of amphibian species richness and composition in a chronosequence of secondary forests, northeastern Costa Rica. *Biological Conservation*, 146, 170-176.
104. Massad, T. J., Dyer, L. A., & Vega, G. C. (2012). Costs of Defense and a Test of the Carbon-Nutrient Balance and Growth-Differentiation Balance Hypotheses for Two Co-Occurring Classes of Plant Defense. *Plos One*, 7, e47554.
105. Nawrocki, J. A. (2012). Investigation of Roosting Habitat of *Artibeus watsoni* and *Vampyressa nymphaea* in Costa Rica. Master Thesis, Ball State University.
106. Schmidt, E. C. (2012). Educación Ambiental en la Reserva Biológica Tirimbina. *Biocenosis*, 26, 1-2.
107. Woltmann, S., Kreiser, B. R., & Sherry, T. W. (2012). Fine-scale genetic population structure of an understory rainforest bird in Costa Rica. *Conservation Genetics*, 13, 925-935.

108. DeVries P. J., Alexander L. G., Chacon I. A. y Fordyce J. A. (2011). Similarity and difference among rainforest fruit-feeding butterfly communities in Central and South America. *Journal of Animal Ecology*, 81, 472-482.
109. Figueroa A. y Rojas Valerio E. (2011). *Oxybelis fulgidus* (Green vine snake) diet. *Herpetological Bulletin*, 118: 41-42
110. Rodríguez-Herrera B., Ceballos, G., & Medellín, R. A. (2011). Ecological aspects of the tent building process by *Ectophylla alba* (Chiroptera: Phyllostomidae). *Acta Chiropterologica* 13, 365-372.
111. Rodríguez-Herrera B., Sánchez, R., & Pineda, W. (2011). First Record of *Natalus lanatus* (Chiroptera: Natalidae) from Costa Rica. *Ecotropica*, 17, 113-117.
112. Villalobos D., Rodríguez-Herrera B., & Tschapka, M. (2011). First records of day roosts of the nectar-feeding bat *Lichonycteris obscura* (Phyllostomidae: Glossophaginae). *Caribbean Journal of Science*, 47, 335-338.

## 2010

113. Barquez, R. M. (2010). Primera reunión de trabajo de la RELCOM (Red latinoamericana para la conservación de los murciélagos). *Mastozoología Neotropical*, 17, 237-242.
114. Chazdon, R. L., Finegan, B., Capers, R. S., Salgado-Negret, B., Casanoves, F., Boukili, V., & Norden, N. (2010). Composition and dynamics of functional groups of trees during tropical forest succession in Northeastern Costa Rica. *Biotropica*, 42, 31-40.
115. DeVries, P. J., Penz, C. M., Hill, R. I. (2010). Vertical distribution, flight behavior and evolution of wing morphology in *Morpho* butterflies. *Journal of Animal Ecology*, 79, 1077-1085.
116. Dyer, L. A., Letourneau, D. K., Chavarria, G. V., & Amoretti, D. S. (2010). Herbivores on a dominant understory shrub increase local plant diversity in rain forest communities. *Ecology*, 91, 3707-3718.
117. Moya J., Quesada R., Barrantes G., Eberhard W., Escalante I., Esquivel C., Rojas A., Triana E. y Arias A. 2010. Egg sac construction by folding dead leaves in *Pozonia nigroventris* and *Micrathena* sp. (Araneae: Araneidae). *The Journal of Arachnology* 38:371–373

118. Pineda Lizano W. 2010. *Oxybelis fulgidus* (Green Vinsnake). Foraging behavior. Herpetological Review. 41 (3): 369-370.
119. Serrano, A., & Ortíz, O., R. (2010). Estudio radicular de *Vochysia ferruginea* (botarrama) en plantaciones y condiciones naturales en Costa Rica. Tecnología en Marcha, 23, 9-18.

### 2009

120. Barrantes, G., & Triana, E. (2009). Characteristics of the Capture Threads of *Synotaxus* sp. (Probably *S. turbinatus*) Webs (Araneae, Synotaxidae). Arachnology, 14, 349-352.
121. Lapinski von W. 2009. *Psalmopoeus reduncus*: Verstecktypen und Nutzung von Pflanzen als Mikrohabitat. Arachne 14(4): 24-44.
122. Lapinski von W. y M. Tschapka. 2009. Erstnachweis von Brautgeschenken bei *Trechalea* sp. (Trechaleidae, Araneae) in Costa Rica. Arachne 14(4): 4-13.
123. Melo F. P. L., Rodríguez-Herrera B., Chazdon R., Ceballos G., y Medellín R. A. 2009. Small tent-roosting bats promote dispersal of large-seeded plants in a Neotropical Forest. Biotropica 41(6): 737-743.

### 2008

124. Fincher, R. M., Dyer, L. A., Dodson, C. D., Richards, J. L., Tobler, M. A., Searey, J., Mather, J. E., Reid, A. J., Rolig, J. S., & Pidcock, W. (2008). Inter- and Intraspecific Comparisons of Antiherbivore Defenses in Three Species of Rainforest Understory Shrubs. Journal of Chemical Ecology, 34, 558-574.
125. Pineda W., Rodríguez-Herrera B., and Timm. R. M. 2008. Rediscovery, ecology, and identification of rare free-tailed bats (Chiroptera: Molossidae) in Costa Rica. Acta Chiropterologica, 10(1):97-102.
126. Rodríguez-Herrera B., R. A. Medellín, M. Gamba. 2008. Roosting requirements of White tent-making bat *Ectophylla alba* (Chiroptera:Phyllostomidae). Acta Chiropterologica, 10(1):89-95.

### 2007

127. Chazdon, R.; Letcher, S.; van Breugel, M.; Martínez-Ramos, M.; Bongers, F.; Finegan, B. 2007. Rates of change in tree communities of secondary Neotropical forests following major disturbances. Philosophical Transactions and Royal Society. 362, 273–289.

128. Chinchilla, M., Guerrero, O. M., Gutiérrez-Espeleta, G. A., Sánchez, R., & Campos, I. V. (2007). Parásitos en monos carablanca *Cebus capucinus* (Primates: Cebidae) de Costa Rica. *Parasitología Latinoamericana*, 62, 170-175.
129. Salgado Negret, B. 2007. Definición de tipos funcionales de especies arbóreas y caracterización de su respuesta a diferentes intensidades de perturbación en un bosque muy húmedo tropical mesoamericano. Tesis Mag. Sc. Turrialba, CR, CATIE.
130. Saporito, R. A., Donnelly, M. A., Norton, R. A., Spande, T. F., & Daly, J. W. (2007). Oribatid mites as a major dietary source for alkaloids in poison frogs. *PNAS*, 21, 8885-8890.

### 2006

131. Chaverri, P., & Vilchez, B. (2006). Hypocrealean (Hypocreales, Ascomycota) Fungal Diversity in Different Stages of Tropical Forest Succession in Costa Rica. *Biotropica*, 38, 531-543.
132. Davies, S. 2006. The Population Genetic Consequences of Gene Flow during Colonisation and Regeneration of Forest Trees. Degree of Doctor of Philosophy. Heriot-Watt University School of Mathematical and Computer Sciences. 287p.
133. Galván, O; Louman, B; Galloway, G; Obando, G. 2006. Efectos de la iluminación de copa en el crecimiento de *Pentaclethra macroloba* y *Goethalsia meiantha*. Implicaciones para la silvicultura de los bosques tropicales húmedos. *Recursos Naturales y Ambiente* no. 46-47:117-126.
134. Pacheco J., G. Ceballos, G. Daily, P. R. Ehrlich, G. Suzán, B. Rodríguez-Herrera y E. Marcé. 2006. Diversidad, Historia Natural y Conservación de los Mamíferos de la Región de San Vito de Coto Brus, Costa Rica. *Revista de Biología Tropical*, 54 (1):219-240.
135. Ramos Bendaña, ZS; Finegan, B. 2006. Red Ecológica de Conectividad Potencial Estrategia para el manejo del paisaje en el Corredor Biológico San Juan - La Selva. *Recursos Naturales y Ambiente* no. 49-50:112-123.
136. Rodríguez-Herrera B., R. A. Medellín, M. Gamba. 2006. A tent building by female *Ectophylla alba* (Chiroptera:Phyllostomidae) in Costa Rica. *Acta Chiropterologica*, 8(2): 557-561.

### 2005

137. Ramos, Z; Finegan, B. (2005). Una red ecológica para la conservación de la biodiversidad. *Recursos, Ciencia y decisión* no. 4.

138. Rodríguez-Herrera, B., and M. Tschapka. (2005). Tent use by *Vampyressa nymphaea* (Chiroptera: Phyllostomidae) in *Cecropia insignis* (Moraceae) in Costa Rica. *Acta Chiropterologica*, 7(1): 171-174.
139. Segura, M., & Kanninen, M. (2005). Allometric Models for Tree Volume and Total Aboveground Biomass in a Tropical Humid Forest in Costa Rica. *Biotropica*, 37, 2-8.

#### **2004**

140. Finegan, B.; Nasi, R. (2004). The Biodiversity and Conservation Potential of Shifting Cultivation Landscapes. *In* G. Schroth, G; Fonseca, G; Harvey, CA; Gascon, C. (Editors). *Agroforestry and Biological Conservation in Tropical Landscapes*. Island Press.
141. Gallego, B; Finegan, B. (2004). Evaluación de enfoques para la definición de especies arbóreas indicadoras para el monitoreo de la biodiversidad en un paisaje fragmentado del Corredor Biológico Mesoamericano. *Recursos Naturales y Ambiente* no. 41: 49-61.
142. Vilchez, B., Chazdon, R., & Redondo, A. (2004). Fenología reproductiva de cinco especies forestales del Bosque Secundario Tropical. *Kurú*, 1, 1-10.
143. Young, A. (2004). Wisconsin and the rainforest. *Wisconsin Academy Review*. Spring, 27-35.

#### **2003**

144. Ramos-Bendaña, Z.S. (2003). Estructura y composición de un paisaje boscoso fragmentado: Herramienta para el diseño de estrategias de conservación de la biodiversidad. Tesis Mag. Sc. Turrialba, CR, CATIE.

#### **2002**

145. Finegan, B., Delgado, D., Camacho, M., & Zamora, N. (2001). Timber production and plant biodiversity conservation in a Costa Rican rain forest: an experimental study and its lessons for adaptive sustainability assessment. *In*: A. Franc, O. Laroussinie and T. Karjalainen (Editors), *Criteria and Indicators for Sustainable Forest Management at the Forest Management Unit Level*. European Forestry Institute Proceeding no. 38, pp. 123-134.
146. Montagnini, F., Finegan, B., Delgado, D., Eibl, B., Szczipanski, L., & Zamora, N. (2001). Can timber production be compatible with conservation of forest biodiversity? – two case studies of plant biodiversity in managed neotropical forests. *Journal of Sustainable Forestry*, 12, 37-60.

147. Montagnini, F., Finegan, B., Delgado, D., Eibl, B., Szczipanski, L., & Zamora, N. (2001). Can timber production be compatible with conservation of forest biodiversity? – Two case studies of plant biodiversity in managed neotropical forests. *In* Climate Change and Forest Management in the Western Hemisphere (Ed. M. Dore). The Haworth Press, Inc. pp. 37-60.
148. Redondo, A. B., Vílchez, B. A., & Chazdon, R. L. (2001). Estudio de la dinámica y composición de cuatro bosques secundarios en la región Huetar Norte, Sarapiquí, Costa Rica. *Revista Forestal Centroamericana*, 36, 20-26.
149. Siteo, A., Finegan, B., & Franc, A. (2001). Gavilán: un modelo para simulación del crecimiento, rendimiento y cambios florísticos de los bosques centroamericanos dominados por *Pentaclethra maculosa*. *Revista Forestal Centroamericana* no. 34:19-22

### 2000

150. Campos, A. J. J., Ortiz, R., Smith, J., Maldonado-Ulloa, T., & De Camino, T. (2000). Almacenamiento de carbono y conservación de biodiversidad por medio de actividades forestales en el Area de Conservación Cordillera Volcánica Central, Costa Rica; potencialidades y limitantes. Turrialba, CR, CATIE. Serie Técnica. Informe Técnico no. 314. Colección Manejo Diversificado de Bosques Naturales no. 18. 70 p.
151. Guariguata, M., Rosales, J., & Finegan, B. (2000). Seed removal and fate in two selectively logged lowland forest with contrasting protection level. *Conservation Biology*, 14, 1046-1054.
152. Ribeiro, N. (2000). Éxito reproductivo de algunas especies vegetales del sotobosque en el noreste de Costa Rica. *Revista Forestal Centroamericana*, 30, 18-22.
153. Segura, M., Kanninen, M., Alfaro, M., & Campos, J. J. (2000). Almacenamiento y fijación de carbono en bosques de bajura de la zona atlántica de Costa Rica. *Revista Forestal Centroamericana*, 30, 23-28.
154. Siteo, A. A. (2000). A Patch-model for tropical lowland rain forests in Costa Rican. Dissertation for the Degree of Doctor of Philosophy. Turrialba, CATIE.

### 1999

155. Aguirre-Vásquez, R. R. (1999). Mortalidad de árboles en bosques tropicales húmedos sometidos a manejo forestal en Costa Rica y Panamá. Tesis Mag. Sc. Turrialba, CR, CATIE.



156. Finegan, B., & Camacho, M. (1999). Stand dynamics in a logged and silviculturally treated Costa Rican rain forest, 1988-1996. *Forest Ecology and Management*, 121, 177-189
157. Finegan, B., Camacho, M., & Zamora, N. (1999). Diameter increment among 106 tree species in a logged and silviculturally treated Costa Rican rain forest. *Forest Ecology and Management*, 121, 150-176.
158. Gallo, M. (1999). Identificación de tipos de bosques primarios intervenidos en la zona norte de Costa Rica. Tesis Mag. Sc. Turrialba, CR, CATIE. 64 p.
159. Ribeiro, N. S. (1999). Fenología y éxito reproductivo de algunas especies del sotobosque en dos bosques intervenidos del noreste de Costa Rica. Tesis Mag. Sc. Turrialba, CR, CATIE. 64 p.
160. Rincón, M., Roubik, D. W., Finegan, B., Delgado, D. & Zamora, N. (1999). Understory bees and floral resources in logged and silviculturally treated Costa Rican rainforest plots. *Journal of the Kansas Entomological Society*, 72, 379-393.
161. Sáenz, G., Finegan, B., & Guariguata, M. (1999). Crecimiento y mortalidad en juveniles de siete especies arbóreas en un bosque muy húmedo tropical intervenido en Costa Rica. *Revista Biología Tropical*, 47, 45-57.
162. Vera, N. E., Finegan, B., & Newton, A. C. (1999). The photosynthetic characteristics of saplings of eight canopy tree species in a disturbed neotropical rain forest. *Photosynthetica*, 36, 407-422.

## 1998

163. Manta, M. I. (1998). Análisis silvicultural de dos tipos de bosque húmedo de bajura en la Vertiente Atlántica de Costa Rica. Tesis Mag. Sc. Turrialba, CR, CATIE. 150 p.
164. Navarrete-Gutiérrez, D. A. (1998). Estudio de las comunidades de pequeños roedores y mariposas en un bosque tropical manejado para la producción de madera y sus implicaciones para el monitoreo de la biodiversidad. Tesis Mag. Sc. Turrialba, CR, CATIE. 99 p.
165. Quirós, D., & Gómez, M. (1998). Manejo sustentable de un bosque primario intervenido en la zona Atlántica Norte de Costa Rica; análisis financiero. Turrialba, CR, CATIE. Serie Técnica. Informe Técnico no. 303. Colección Manejo Diversificado de Bosques Naturales no 13. 122 p.

## 1997

166. Camacho, M., & Finegan, B. (1997). Efectos del aprovechamiento forestal y el tratamiento silvicultural en un bosque húmedo del noreste de Costa Rica: el crecimiento diamétrico con énfasis en el rodal comercial. Colección Manejo Diversificado de Bosques Naturales no. 11. Turrialba, CR, CATIE. Serie Técnica. Informe Técnico no. 295. 38 p.
167. Delgado, D., Finegan, B., Zamora, N., & Meir, P. (1997). Efectos del aprovechamiento forestal y el tratamiento silvicultural en un bosque húmedo del noreste de Costa Rica: cambios en la riqueza y composición de la vegetación. Turrialba, CR, CATIE. Serie Técnica. Informe Técnico no. 298. Colección Manejo Diversificado de Bosques Naturales no. 12. 43 p.
168. Ortín-Vujovich, A. E. (1997). Asignación de recursos y características foliares de la regeneración de 11 especies arbóreas del dosel superior de un bosque húmedo tropical intervenido en el noreste de Costa Rica. Tesis Mag. Sc. Turrialba, CR, CATIE. 82 p.
169. Tortos-Sánchez, L. (1997). Estudio de poblaciones de semillas y sotobosque en tres bosques húmedos en la tercera fase de la sucesión secundaria, y su contribución a la biodiversidad y a la regeneración del bosque. Tesis Mag. Sc. Turrialba, CR, CATIE. 108 p.
170. Zamora, N., Artavia, M., Delgado, D., & Camacho, M. (1997). Especies vegetales de un bosque tropical húmedo primario manejado Finca Tirimbina, noreste de Costa Rica. CATIE. Manejo Forestal Tropical no.1. 8 p.

## 1996

171. Quirós, D., & Finegan, B. (1996). Manejo en un bosque muy húmedo premontano. Área de demostración e investigación La Tirimbina. En, Silvicultura y manejo de bosques naturales tropicales. CATIE.

## 1995

172. Delgado R., L. D. 1995. Efectos en la riqueza, composición y diversidad florística producidos por el manejo silvícola de un bosque húmedo tropical de tierras bajas en Costa Rica. Tesis Mag. Sc. Turrialba, CR, CATIE. 97 p.
173. Díaz G. J. C. (1995). Caracterización de la iluminación de micrositos de regeneración de 14 especies arbóreas en un bosque húmedo intervenido en Costa Rica, y el efecto de la intervención sobre la abundancia de la regeneración natural. Tesis Mag. Sc. Turrialba, CR, CATIE. 92 p.

## 1994

174. Araujo, J. (1994). Factores que afectan la regeneración de dos especies del género *Virola* (Myristicaceae) en dos bosques naturales de la vertiente Atlántica de Costa Rica. Tesis Mag. Sc. Turrialba, CR, CATIE. 119 p.
175. Quirós, D., & Finegan, B. (1994). El manejo sustentable de un bosque natural tropical en Costa Rica: definición de un plan operacional y resultados de su aplicación. Turrialba, CR, CATIE. Serie Técnica. Informe Técnico no. 225. Colección Silvicultura y Manejo de Bosques Naturales no. 9. 25 p.
176. Vera, N. (1994). Variación de microclima y su efecto sobre las características fotosintéticas y de morfología foliar de 10 especies arbóreas de un bosque lluvioso de Costa Rica. Tesis Mag. Sc. Turrialba, CR, CATIE. 86 p.

## 1993

177. Young, A. M. (1993). Notes on the natural history of *Quadrus* (Pythonides) *contubernalis* (Hesperiidae) in Costa Rica. Journal of the Lepidopteran Society, 45, 366-371.

## 1992

178. Cabrelli, D. (1992). Efecto de la radiación solar bajo dosel sobre el crecimiento de la regeneración de especies heliófitas durables en el bosque húmedo tropical y su respuesta a la intervención silvicultural. Tesis Mag. Sc. Turrialba, CR, CATIE. 132 p.
179. Siteo, A. (1992). Crecimiento diamétrico de especies maderables en un bosque húmedo tropical bajo diferentes intensidades de intervención. Tesis Mag. Sc. Turrialba, CR, CATIE. 119 p.

## 1991

180. Young, A. M. (1991). Notes on the distribution and abundance of nests of social wasp *Michocyttarus basimacula* (Cameron) (Hymenoptera: Vespidae) in Costa Rica. Brenesia, 34, 51-61.
181. Hunter, J. R. (1991). Observations on the growth, ecology and uses of *Minuartia guianensis*, a humid tropical tree. *International Tree Crops Journal*, 6(4), 221-238.

## ANTERIORES A 1990

182. Hunter, J. R. (1987). Reforestation with *Bombacopsis quinatum* (Jaq.) Dugand (Bombacaceae) in Costa Rica by means of vegetative reproduction. *Revista de Biología Tropical*, 35, 195-201.

183. Hunter, J. R. (1989). Seed dispersal and germination of *Enterolobium cyclocarpum* (Jacq.) Griseb. (Leguminosae: Mimosoideae): are megafauna necessary? *Journal of Biogeography*, 16, 369-378.
184. Young, A. M. (1970). Notes on the migration of *Urania fulgens* (Lepidoptera: Uraniidae) in Costa Rica. *J. New York Entomol. Soc.*, 78, 60-70.
185. Young, A. M. (1971). Mimetic association in natural populations of tropical papilionid butterflies. *J. New York Entomol. Soc.*, 79, 210-244.
186. Young, A. M. (1971). Mimetic associations in natural populations of tropical butterflies. Life history and structure of a tropical dry forest breeding population of *Battus polydamus*. *Rev. Biol. Trop.*, 19, 210-240.
187. Young, A. M. (1971). Roosting in the Spotted-Antbird in Costa Rica. *Condor*, 73, 367-368.
188. Young, A. M. (1971). Wing coloration and reflectance in *Morpho* butterflies as related to reproductive behavior and escape from avian predators. *Oecologia*, 7, 209-222.
189. Young, A. M. (1972). Adaptive strategies of feeding and predator-avoidance in the larvae of the neotropical butterfly, *Morpho peleides limpida* (Lepidoptera: Morphidae). *J. New York Entomol. Soc.*, 80, 66-82.
190. Young, A. M. (1972). Interactions of *Phileathria dido* (Heliconiinae) and *Vistorina steneles* (Nymphalinae) at *Stachytarpheta* flowers in Costa Rica: evidence against mimetic association. *Acta Biologica Venezuelana*, 8, 1-17.
191. Young, A. M. (1972). On the life cycle and natural history of *Hymenitis nero* (Lepidoptera: Ithomiidae) in Costa Rica. *Psyche*, 79, 284-294.
192. Young, A. M. (1973). Cicada populations on palms on tropical forest. *Principes*, 17, 3-9.
193. Young, A. M. (1973). Notes on the biology of the butterfly, *Heliconius cydno* (Lepidoptera: Heliconiinae) in Costa Rica. *Wasmann J. Biol.*, 31, 337-350.
194. Young, A. M. (1973). Notes on the life cycle and natural history of *Parides arcas mylotes* (Papilionidae) in a Costa Rican premontane wet forest. *Psyche*, 80, 1-21.
195. Young, A. M. (1973). The comparative ethology and ecology of several species of *Morpho* butterflies in Costa Rica. *Studies Neotrop. Fauna*, 8, 17-50.
196. Young, A. M. (1973). The life cycle of *Dircenna relata* (Ithomiidae) in Costa Rica. *J. Lepid. Soc.*, 27, 258-267.
197. Young, A. M. (1974). Further observations on the natural history of *Philaethria dido* (Lepidoptera: Nymphalidae: Heliconiinae). *J. New York Entomol. Soc.*, 82, 30-41.

198. Young, A. M. (1974). Notes on the biology of *Pteronymia notilla* (Ithomiidae) in a Costa Rican mountain forest. *J. Lepid. Soc.*, 28, 257-268.
199. Young, A. M. (1974). On the biology of *Godyris zavaleta caesiopicta* (Lepidoptera: Nymphalidae: Ithomiinae). *Entomol. News*, 85, 227-238.
200. Young, A. M. (1975). Observations on the life cycle of *Heliconius hecale zuleika* (Hewitson) in Costa Rica. *Pan-Pacific Entomologist*, 51, 76-85.
201. Young, A. M. (1976). Notes on the biology of *Hypothyris euclea* (Lepidoptera: Nymphalidae: Ithomiinae) in Costa Rica. *Pan-Pacific Ent.*, 53, 104-113.
202. Young, A. M. (1976). Notes on the faunistic complexity of cicadas (Homoptera: Cicadidae) in northern Costa Rica. *Rev. Biol. Trop.*, 24, 267-279.
203. Young, A. M. (1976). Notes on the foraging of the giant tropical ant *Paraponera clavata* (Formicidae: Ponerinae) on two plants in tropical wet forest. *J. Georgia Ent. Soc.*, 11, 41-51.
204. Young, A. M. (1976). Studies on the biology of *Heliconius charitonius* L. (Nymphalidae: Heliconiinae) in Costa Rica. *Pan-Pacific Ent.*, 52, 291-303.
205. Young, A. M. (1977). A human sweat-mediated defense against multiple attacks by the wasp *Polybia diguetana* in northeastern Costa Rica. *Biotropica*, 10, 73-74.
206. Young, A. M. (1977). New record of the neotropical katydid *Celidophylla albimacula* (Orthoptera: Tettigoniidae: Pseudophyllinae) and parasitism, from Costa Rica. *Ent. News*, 88, 210-212.
207. Young, A. M. (1977). Notes on the defoliation of coconut palm (*Cocos nucifera*) by the butterfly *Opsiphanes quiteria quirinus* (Lepidoptera: Brassolidae) in northeastern Costa Rica. *Deutschen Ent. Zeitsch.*, 24, 353-365.
208. Young, A. M. (1977). Studies on the biology of *Parides iphidamas* (Papilionidae: Troidini) in Costa Rica. *J. Lepid. Soc.*, 31, 100-108.
209. Young, A. M. (1978). Disappearances of eggs and larvae of *Heliconius* butterflies (Nymphalidae: Heliconiinae) in northeastern Costa Rica. *Ent. News*, 89, 81-89.
210. Young, A. M. (1978). Spatial properties of niche separation among *Eueides* and *Dryas* butterflies (Lepidoptera: Nymphalidae: Heliconiinae) in Costa Rica. *J. New York Ent. Soc.*, 86, 2-19.
211. Young, A. M. (1978). The biology of the butterfly *Aeria eurimedea agna* (Nymphalidae: Ithomiinae: Oleriini) in Costa Rica. *J. Kansas Ent. Soc.*, 51-1-10.
212. Young, A. M. (1979). Arboreal movement and tadpole-carrying behavior of *Dendrobates pumilio* Schmidt (Anura, Dendrobatidae) in northeastern Costa Rica. *Biotropica*, 11, 238-239.

213. Young, A. M. (1979). Attacks by the army ant *Eciton burchelli* on nests of the social paper wasp *Polistes erythrocephalus* in northeastern Costa Rica. *J. Kansas Entomol. Soc.*, 52, 759-768.
214. Young, A. M. (1979). *Historis odius* (Nymphalidae) sucking on cocoa seeds (Sterculiaceae) in Northeastern Costa Rica. *Journal of the Lepidopterists Society*, 33, 201-203.
215. Young, A. M. (1979). Notes on a population outbreak of the beetle *Uroplata* sp. (Coleoptera: Chrysomelidae) on the tree *Bunchosia pilosa* (Malpighiaceae) in Costa Rica. *J. New York, Ent. Soc.*, 87, 289-298.
216. Young, A. M. (1979). Oviposition of the butterfly *Battus belus varus* Kollar (Papilionidae: Papilioninae: Troidini). *J. Lepid., Soc.* 33, 56-57.
217. Young, A. M. (1979). Weather and the regulation of *Hypothyris euclea* (Lepidoptera: Nymphalidae: Ithomiinae) populations in northeastern Costa Rica. *J. Lepid. Soc.*, 33, 68-69.
218. Young, A. M. (1980). Comparative experimental studies on the distribution and abundance of cocoa-pollinating midges (Diptera: Ceratopogonidae: Forcipomyia and other genera) in two cocoa farms in Costa Rica: Agronomic Implications. *Proc. 27<sup>th</sup> meeting of Tropical Region, American Society for Horticultural Sciences*, 23, 125-132.
219. Young, A. M. (1980). Environmental partitioning in lowland tropical rain forest cicadas. *J. New York Ent. Soc.* 88, 86-101.
220. Young, A. M. (1980). Feeding and oviposition in the giant tropical damselfly *Megaloprepus coerulatus* (Drury) in Costa Rica. *Biotropica*, 12, 237-239.
221. Young, A. M. (1980). Nectar robbing of "four-o'clocks," *Mirabilis jalapa* (Nyctaginaceae) by the social paper wasp *Epipona guerini* (Vespididae: Polistinae: Polybiini) in Costa Rica. *Biotropica*, 12, 222-223.
222. Young, A. M. (1980). Notes on the behavioral ecology of *Perrhybris lypera* (Pieridae) in northeastern Costa Rica. *J. Lepid. Soc.* 34, 36-47.
223. Young, A. M. (1980). Notes on the interaction of the Neotropical bug *Paryphes blandus* Horvath (Hemiptera: Coreidae) with the vine *Anguria warscewiczii* Hook. b. (Cucurbitaceae). *Brenesia*, 17, 43-48.
224. Young, A. M. (1980). Observations on feeding aggregations of *Orthemis ferruginea* (Fabricius) in Costa Rica (Anisoptera: Libellulidae). *Odonatologica*, 9, 325-328.
225. Young, A. M. (1980). Observations on the aggregation of adult cicadas (Homoptera: Cicadidae) in tropical forest. *Can. J. Zool*, 58, 711-722.

226. Young, A. M. (1980). On the patchy distribution of onychophorans in two cocoa plantations in northeastern Costa Rica. *Brenesia*, 17, 43-48.
227. Young, A. M. (1980). Over-exploitation of larval host plants by the butterflies *Heliconius cydno* and *Heliconius sapho* (Lepidoptera: Nymphalidae: Heliconiinae: Heliconiini) in Costa Rica? *Journal of the New York Entomological Society*, 88, 217-227.
228. Young, A. M. (1980). Oviposition by *Heliconius hecale* (Nymphalidae: Heliconiinae) on a grass inflorescences in Costa Rica. *J. Lepid. Soc.*, 34, 66-68.
229. Young, A. M. (1980). Temporal selection for communicatory optimization: The dawn-dusk chorus as an adaptation in tropical cicadas. *The American Naturalist*, 117, 826-829.
230. Young, A. M. (1981). Giant neotropical ant *Paraponera clavate* visits *Heliconia pogonantha* flower bracts in premontane tropical rain forest. *Biotropica*, 13, 223.
231. Young, A. M. (1981). Notes of the moth *Pericopus leucophaea* Walker (Lepidoptera: Pericopidae) as a defoliator of the tree *Vernonia patens* H. B. K. (Compositae) in northeastern Costa Rica. *Journal New York Entomological Society*, 89, 204-213.
232. Young, A. M. (1981). Notes on seasonality and habitat associations of tropical cicadas (Homoptera: Cicadidae) in premontane and montane tropical moist forest in Costa Rica. *J. New York Entomological Society*, 89, 123-142.
233. Young, A. M. (1981). Notes on the oviposition microhabitat of the giant tropical damselfly *Megaloprepus coerulatus* (Drury) (Zygoptera: Pseudostigmatidae). *Tombo (Japan)*, 23, 17-21.
234. Young, A. M. (1982). Effects of shade cover and availability of midge breeding sites on pollinating midge populations and fruit set in two cocoa farms. *Journal of Applied Ecology*, 19, 47-63.
235. Young, A. M. (1982). Hindtibial defensive spurs in the neotropical sphinx moth *Amplipteris gannascus*? *J. Lepid. Soc.*, 36, 155-156.
236. Young, A. M. (1982). Notes on the natural history of *Morpho granadensis polybaptus* Butles (Lepidoptera: Nymphalidae: Morphinae), and its relation to that of *Morpho peleides limpida* Butler. *J. New York Entomological Society*, 90, 35-54.
237. Young, A. M. (1983). Nectar and Pollen Robbing of *Thunbergia grandiflora* by Trigona Bees in Costa Rica. *Biotropica*, 15, 78-80.
238. Young, A. M. (1983). Patterns of distribution and abundance of ants (Hymenoptera: Formicidae) in three Costa Rican cocoa farm localities. *Sociobiology*, 8, 51-76.
239. Young, A. M. (1984). Ithomiine butterflies associated with non-antbird droppings in Costa Rican tropical rain forest. *J. Lepid. Soc.*, 38, 61-63.

240. Young, A. M. (1984). On the evolution of cicada x host-tree associations in Central America. *Acta Biotheorica*, 33, 163-198.
241. Young, A. M. (1984). Phenological patterns of reproduction in *Senna fruticosa* (Mill.) Orwin & Barneby (Casealpinaceae) and a pod associate, *Pellaea sticta* (Dallas) (Heteroptera: Pentatomidae) in Costa Rican tropical rain forest. *J. Kansas Entomological Society*, 57, 413-422.
242. Young, A. M. (1985). Natural history notes for *Aellopos ceculus* (Cramer) (Sphingidae) in northeastern Costa Rica. *Journal Lepid. Soc.*, 39, 330-333.
243. Young, A. M. (1985). Natural history notes on *Astrartes* and *Urbanus* (Hesperiidae) in Costa Rica. *J. Lepidopteran Society*, 39, 215-223.
244. Young, A. M. (1985). Natural history notes on *Brassolis isthmia* Bates (Lepidoptera: Nymphalidae: Brassolinae) in northeastern Costa Rica. *J. Res. Lepid*, 24, 385-392.
245. Young, A. M. (1985). Notes on the natural history of *Papilio victorinus* Doubl. (Papilionidae) in northeastern Costa Rica. *J. Lepid. Soc.*, 38, 237-242.
246. Young, A. M. (1986). Natural history notes for the social paper wasp *Polistes erythrocephalus* Latreille (Hymenoptera: Vespidae: Polistinae) in Costa Rica. *Journal of Kansas Entomological Society*, 59, 712-722.
247. Young, A. M. (1986). Notes on a Costa Rican "Monkey Slug" (Limacodidae). *Journal of the Lepidopteran Society*, 40, 69-71.
248. Young, A. M. (1986). Occurrence of Diptera on tree-trunk mosses in a Costa Rican tropical rain forest. *Pan-Pacific Entomology*, 62, 203-208.
249. Young, A. M. (1986). Presence of an orchid bee (*Euglossa* sp.) nest and an ant (*Crematogaster limata palans* Forel) nest in a cacao pod (*Theobroma cacao* L.) (Hymenoptera: Apidae: Bombinae: Formicidae: Myrmediinae, resp.). *Entomological News*, 97, 156-162.
250. Young, A. M. (1987). Notes on fluctuations of *Azeta versicolor* (Fabricius) populations on *Gliricidia sepium* (Jacq.) (Fabaceae) in northeastern Costa Rica. *Journal of the Lepidopteran Society*, 41, 14-18.
251. Young, A. M. (1987). Oviposition by *Parides arcas mylotes* Bates (Papilionidae: Troidini) on a grass leaf-blade in Costa Rica. *Journal of the Lepidopteran Society*, 41, 117-118.
252. Young, A. M., & Carolan, M. E. (1976). Daily instability of communal roosting in the neotropical butterfly *Heliconius charitonius* (Lepidoptera: Nymphalidae, Heliconiinae). *J. Kansas Entomol. Soc.*, 49, 346-359.



253. Young, A. M., & Hermann, H. R. (1980). Notes on foraging of the giant tropical ant *Paraponera clavata* (Hymenoptera: Formicidae: Ponerinae). *J. Kansas Ent. Soc.* 53, 35-55.
254. Young, A. M., & Moffett, M. W. (1979). Behavioral regulatory mechanisms in populations of the butterfly *Mechanitis isthmia* (Lepidoptera: Nymphalidae: Ithomiinae) in Costa Rica: Adaptations to host plants in secondary and agricultural habitats. *Deutschen Ent. Zeitschr.*, 26, 21-38.
255. Young, A. M., & Moffett, M. W. (1979). Studies on the population biology of the tropical butterfly *Mechanitis isthmia* in Costa Rica. *Amer. Midl. Nat.*, 101, 309-319.
256. Young, A. M., & Moffett, M. W. (1979). Studies on the Population Biology of the Tropical Butterfly *Mechanitis isthmia* in Costa Rica. *The American Midland Naturalist*, 101, 309-319.
257. Young, A. M., & Muyschondt, A. (1972). Biology of *Morpho Polyphemus* in El Salvador. *J. New York Entomol. Soc.*, 80, 18-42.
258. Young, A. M., & Muyschondt, A. (1973). The biology of *Morpho peleides* in Central America. *Carib. J. Sci.*, 13, 1-49.
259. Young, A. M., & Muyschondt, A. (1974). Ecological studies on the butterfly *Victorina stelenes* (Lepidoptera: Nymphalidae) in Costa Rica and El Salvador. *Studies on the Neotrop. Fauna*, 9, 155-176.
260. Young, A. M., & Muyschondt, A. (1975). Studies on the natural history of Central America butterflies in the family cluster Satyridae-Brassolidae-Morphidae (Lepidoptera: Nymphaloidae). III. *Opsiphanes tamarindi* and *Opsiphanes cassina* in Costa Rica and El Salvador. *Studies on the Neotropical Fauna*, 10, 19-56.
261. Young, A. M., & Muyschondt, A. (1985). Notes on *Caligo Memnon* Filder and *Caligo atreus* Kollar (Lepidoptera: Nymphalidae: Brassolinae) in Costa Rica and El Salvador. *J. Res. Lepid.*, 24, 154-175.
262. Young, A. M., & Platt, M. E. (1989). Leaf damage from herbivory in relation to extrafloral to extrafloral nectaries and activity in *Davilla nitida* (Vahl) Kubitzki (Dilleniaceae) in Costa Rica. *Caribbean Journal Science*, 25, 230-233
263. Young, A. M., & Stein, D. (1976). Studies on the evolutionary biology of the neotropical nymphalid butterfly *Anartia fatima* in Costa Rica. *Milwaukee Public Museum Contribut in Biology and Geology*, N8, 29 p.
264. Young, A. M., (1983). Egg placement by *Phoebis* (Pieridae) on Cassia (Leguminosae) "anticipates" the tropical rainy season. *J. Lepid. Soc.*, 37, 313-317.

265. Young, A. M., Blum, M. S., Fales, H. M. & Bian, Z. (1986). Natural history and ecological chemistry of the neotropical butterfly *Papilio anchisiades* (Papilionidae). *Journal of the Lepidopterists Society*, 40, 36-53.