

SUPPLEMENTAL INFORMATION

**RESEARCH TRENDS AND INFORMATION GAPS IN AMPHIBIAN
RESEARCH IN COSTA RICA: IMPLICATIONS FOR CONSERVATION**

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Table S1. List of papers about the amphibians of Costa Rica published from January 2000 to December 2022 included in the analysis.

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Table S2. List of papers published for each amphibian species of Costa Rica, published from 2000 to December 2022. Species names are ordered alphabetically. To see the reference, go to Supplementary 1. Species with no peer-reviewed publications in this timeframe appear in Table 1.

| Species | n | Papers |
|----------------------------------|----|--|
| <i>Agalychnis annae</i> | 9 | 54, 112, 142, 215, 223, 261, 305, 307, 309 |
| <i>Agalychnis callidryas</i> | 39 | 5, 12, 13, 27, 60, 66, 7, 78, 81, 91, 101, 104, 105, 112, 137, 153, 154, 16, 171, 173, 176, 199, 201, 204, 210, 211, 215, 217, 221, 225, 227, 243, 250, 259, 263, 278, 294, 301, 325 |
| <i>Agalychnis lemur</i> | 9 | 58, 112, 174, 184, 223, 250, 259, 261, 305 |
| <i>Agalychnis saltator</i> | 8 | 13, 47, 60, 112, 137, 153, 259, 278 |
| <i>Agalychnis spurrelli</i> | 10 | 70, 84, 112, 171, 250, 259, 264, 299, 300, 301 |
| <i>Allobates talamancae</i> | 8 | 1, 42, 94, 164, 213, 242, 249, 259 |
| <i>Atelopus chiriquiensis</i> | 3 | 29, 261, 286 |
| <i>Atelopus chirripoensis</i> | 1 | 92 |
| <i>Atelopus senex</i> | 3 | 58, 261, 286 |
| <i>Atelopus varius</i> | 14 | 20, 47, 58, 142, 152, 184, 231, 234, 260, 261, 273, 286, 303, 317 |
| <i>Boana rosenbergi</i> | 5 | 2, 81, 94, 101, 226 |
| <i>Boana rufitela</i> | 13 | 13, 39, 43, 60, 94, 137, 153, 154, 171, 217, 227, 259, 278 |
| <i>Bolitoglossa alvaradoi</i> | 3 | 35, 259, 278 |
| <i>Bolitoglossa aurae</i> | 1 | 208 |
| <i>Bolitoglossa aureogularis</i> | 2 | 139, 246 |
| <i>Bolitoglossa bramei</i> | 2 | 68, 246 |
| <i>Bolitoglossa cerroensis</i> | 2 | 8, 35 |
| <i>Bolitoglossa colonnea</i> | 5 | 8, 28, 153, 259, 278 |
| <i>Bolitoglossa compacta</i> | 1 | 246 |
| <i>Bolitoglossa diminuta</i> | 1 | 8 |
| <i>Bolitoglossa epimela</i> | 2 | 8, 35 |
| <i>Bolitoglossa gomezi</i> | 3 | 68, 246, 288 |
| <i>Bolitoglossa gracilis</i> | 3 | 8, 35, 246 |
| <i>Bolitoglossa kamuk</i> | 2 | 139, 246 |
| <i>Bolitoglossa lignicolor</i> | 5 | 26, 81, 101, 171, 313 |

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| <i>Bolitoglossa minutula</i> | 1 | 35 |
| <i>Bolitoglossa nigrescens</i> | 3 | 8, 49, 246 |
| <i>Bolitoglossa obscura</i> | 1 | 49 |
| <i>Bolitoglossa pesrubra</i> | 4 | 8, 35, 246, 267 |
| <i>Bolitoglossa pygmaea</i> | 1 | 102 |
| <i>Bolitoglossa robinsoni</i> | 2 | 102, 246 |
| <i>Bolitoglossa robusta</i> | 2 | 8, 49 |
| <i>Bolitoglossa sombra</i> | 1 | 49 |
| <i>Bolitoglossa sooyurum</i> | 1 | 8 |
| <i>Bolitoglossa splendida</i> | 2 | 139, 246 |
| <i>Bolitoglossa striatula</i> | 7 | 8, 26, 35, 140, 153, 154, 278 |
| <i>Bolitoglossa subpalmata</i> | 4 | 8, 9, 35, 246 |
| <i>Bolitoglossa tica</i> | 2 | 80, 246 |
| <i>Caecilia volcani</i> | 1 | 259 |
| <i>Cochranella granulosa</i> | 12 | 27, 94, 101, 115, 137, 142, 180, 184, 237, 259, 263, 278 |
| <i>Craugastor aenigmaticus</i> | 2 | 241, 252 |
| <i>Craugastor andi</i> | 3 | 58, 184, 261 |
| <i>Craugastor angelicus</i> | 1 | 261 |
| <i>Craugastor bransfordii</i> | 29 | 13, 15, 25, 43, 44, 5, 58, 6, 66, 79, 94, 137, 143, 144, 153, 154, 156, 157, 184, 185, 186, 187, 192, 227, 236, 252, 259, 278, 293 |
| <i>Craugastor catalinae</i> | 1 | 261 |
| <i>Craugastor crassidigitus</i> | 22 | 40, 43, 58, 60, 132, 67, 81, 101, 137, 171, 176, 179, 184, 185, 19, 217, 234, 256, 259, 263, 278, 294 |
| <i>Craugastor escocoes</i> | 4 | 58, 216, 261, 262 |
| <i>Craugastor fitzingeri</i> | 43 | 13, 15, 38, 40, 43, 44, 47, 48, 58, 59, 60, 66, 67, 79, 81, 85, 91, 94, 101, 137, 141, 142, 153, 154, 156, 157, 166, 171, 176, 184, 185, 203, 212, 222, 227, 239, 256, 257, 259, 263, 278, 289, 294 |
| <i>Craugastor fleishmanni</i> | 1 | 261 |
| <i>Craugastor gabbi</i> | 1 | 253 |
| <i>Craugastor gollmeri</i> | 2 | 259, 278 |
| <i>Craugastor megacephalus</i> | 15 | 15, 43, 48, 58, 60, 79, 137, 153, 154, 156, 184, 227, 259, 278, 306 |
| <i>Craugastor melanostictus</i> | 3 | 58, 117, 261 |
| <i>Craugastor mimus</i> | 14 | 13, 15, 43, 44, 6, 79, 137, 153, 154, 156, 157, 227, 259, 278 |

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| <i>Craugastor noblei</i> | 12 | 13, 43, 44, 79, 137, 153, 154, 156, 157, 17, 259, 278 |
| <i>Craugastor obesus</i> | 1 | 261 |
| <i>Craugastor persimilis</i> | 6 | 25, 48, 192, 253, 259, 278 |
| <i>Craugastor podiciferus</i> | 11 | 48, 58, 66, 81, 99, 117, 161, 176, 192, 252, 253 |
| <i>Craugastor polyptychus</i> | 4 | 25, 153, 217, 259 |
| <i>Craugastor ranoides</i> | 12 | 48, 122, 137, 141, 142, 153, 166, 184, 223, 261, 269, 304 |
| <i>Craugastor rhyacobatrachus</i> | 1 | 261 |
| <i>Craugastor rugosus</i> | 4 | 101, 141, 142, 179 |
| <i>Craugastor stejnegerianus</i> | 18 | 23, 25, 48, 81, 101, 141, 284, 171, 176, 179, 190, 195, 214, 239, 253, 256, 289, 294 |
| <i>Craugastor talamancae</i> | 12 | 15, 43, 44, 58, 60, 67, 137, 153, 156, 157, 259, 278 |
| <i>Craugastor taurus</i> | 4 | 167, 223, 257, 261 |
| <i>Craugastor underwoodi</i> | 6 | 66, 142, 192, 196, 263, 289 |
| <i>Craugastor zunigai</i> | 1 | 252 |
| <i>Cruziophyla calcarifer</i> | 4 | 60, 112, 137, 153 |
| <i>Cruziophyla sylviae</i> | 3 | 248, 259, 278 |
| <i>Dendrobates auratus</i> | 19 | 13, 72, 76, 79, 87, 94, 101, 110, 118, 12, 137, 147, 153, 203, 227, 249, 259, 278, 294 |
| <i>Dendropsophus ebraccatus</i> | 20 | 13, 16, 18, 44, 60, 66, 81, 94, 97, 101, 104, 133, 137, 153, 171, 176, 227, 259, 263, 278 |
| <i>Dendropsophus microcephalus</i> | 12 | 81, 91, 94, 101, 135, 141, 142, 166, 171, 289, 294, 324 |
| <i>Dendropsophus phlebodes</i> | 7 | 18, 133, 137, 153, 227, 259, 278 |
| <i>Dermophis glandulosus</i> | 5 | 141, 142, 171, 312, 319 |
| <i>Dermophis parviceps</i> | 4 | 36, 81, 101, 176 |
| <i>Diasporus amirae</i> | 2 | 251, 259 |
| <i>Diasporus diastema</i> | 27 | 13, 43, 44, 58, 60, 66, 85, 94, 101, 137, 146, 153, 154, 156, 157, 171, 184, 185, 193, 217, 227, 237, 257, 259, 263, 278, 289 |
| <i>Diasporus hylaeformis</i> | 9 | 58, 117, 125, 134, 184, 185, 193, 239, 282 |
| <i>Diasporus tigrillo</i> | 1 | 193 |
| <i>Diasporus ventrimaculatus</i> | 1 | 86 |
| <i>Diasporus vocator</i> | 7 | 81, 134, 171, 176, 179, 193, 244 |
| <i>Duellmanohyla legleri</i> | 5 | 81, 223, 261, 277, 302 |
| <i>Duellmanohyla rufioculis</i> | 11 | 58, 66, 141, 171, 184, 185, 229, 259, 261, 263, 289 |

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| <i>Duellmanohyla uranochroa</i> | 5 | 58, 176, 259, 261, 305 |
| <i>Ecnomiohyla bailarina</i> | 2 | 183, 259 |
| <i>Ecnomiohyla miliaria</i> | 1 | 184 |
| <i>Ecnomiohyla sukia</i> | 6 | 108, 132, 259, 297, 305, 306 |
| <i>Ecnomiohyla veraguensis</i> | 1 | 259 |
| <i>Eleutherodactylus coqui</i> | 2 | 258, 314 |
| <i>Eleutherodactylus planirostris</i> | 1 | 197 |
| <i>Engystomops pustulosus</i> | 11 | 19, 57, 61, 81, 103, 111, 135, 166, 176, 220, 249, |
| <i>Espadarana prosoblepon</i> | 24 | 58, 6, 132, 81, 101, 137, 141, 142, 153, 171, 180, 182, 184, 185, 234, 237, 239, 259, 263, 274, 275, 278 291, 323 |
| <i>Gastrotheca cornuta</i> | 1 | 259 |
| <i>Gymnopsis multiplicata</i> | 11 | 69, 129, 130, 141, 142, 153, 154, 263, 278, 311, 312 |
| <i>Hyalinobatrachium chirripoi</i> | 2 | 32, 259 |
| <i>Hyalinobatrachium colymbiphylum</i> | 3 | 58, 101, 283 |
| <i>Hyalinobatrachium diana</i> | 2 | 181, 259 |
| <i>Hyalinobatrachium fleischmanni</i> | 14 | 101, 137, 141, 284, 153, 180, 227, 237, 254, 259, 265, 271, 278, 287 |
| <i>Hyalinobatrachium talamancae</i> | 4 | 53, 259, 284, 298 |
| <i>Hyalinobatrachium valerioi</i> | 9 | 75, 96, 101, 137, 188, 237, 259, 274, 278 |
| <i>Hyalinobatrachium vireovittatum</i> | 2 | 184, 279 |
| <i>Hyloscirtus colymba</i> | 1 | 261 |
| <i>Hyloscirtus palmeri</i> | 2 | 259, 261 |
| <i>Hypopachus pictiventris</i> | 7 | 15, 44, 60, 137, 156, 259, 278 |
| <i>Hypopachus variolosus</i> | 6 | 91, 121, 135, 141, 284, 166 |
| <i>Incilius aucoinae</i> | 9 | 34, 89, 90, 101, 106, 119, 171, 276, 294 |
| <i>Incilius chompipe</i> | 2 | 63, 198 |
| <i>Incilius coccifer</i> | 10 | 37, 91, 101, 119, 135, 141, 142, 153, 166, 311 |
| <i>Incilius coniferus</i> | 12 | 7, 81, 119, 137, 153, 171, 184, 185, 217, 234, 259, 263 |
| <i>Incilius epioticus</i> | 3 | 21, 63, 198 |
| <i>Incilius fastidiosus</i> | 2 | 7, 261 |
| <i>Incilius guanacaste</i> | 2 | 63, 198 |

| | | |
|------------------------------------|----|---|
| <i>Incilius holdridgei</i> | 5 | 107, 119, 198, 223, 261 |
| <i>Incilius luetkenii</i> | 8 | 116, 119, 135, 166, 200, 228, 295, 311 |
| <i>Incilius melanochlorus</i> | 14 | 34, 44, 60, 94, 119, 137, 153, 154, 184, 217, 259, 263, 276, 278 |
| <i>Incilius periglenes</i> | 2 | 155, 261 |
| <i>Incilius valliceps</i> | 3 | 153, 276, 278 |
| <i>Isthmohyla angustilineata</i> | 5 | 52, 58, 117, 261, 305 |
| <i>Isthmohyla calypsa</i> | 2 | 10, 261 |
| <i>Isthmohyla lancasteri</i> | 2 | 240, 259 |
| <i>Isthmohyla picadoi</i> | 1 | 240 |
| <i>Isthmohyla pictipes</i> | 3 | 261, 285, 305 |
| <i>Isthmohyla pseudopuma</i> | 10 | 58, 66, 171, 185, 199, 239, 262, 289, 305, 326 |
| <i>Isthmohyla rivularis</i> | 6 | 58, 172, 175, 261, 262, 305 |
| <i>Isthmohyla tica</i> | 2 | 261, 31 |
| <i>Isthmohyla xanthosticta</i> | 1 | 261 |
| <i>Isthmohyla zeteki</i> | 1 | 240 |
| <i>Leptodactylus fragilis</i> | 8 | 91, 94, 101, 135, 171, 278, 292, 311 |
| <i>Leptodactylus insularum</i> | 4 | 94, 101, 171, 292 |
| <i>Leptodactylus melanonotus</i> | 15 | 13, 55, 81, 101, 135, 137, 141, 142, 145, 154, 166, 210, 217, 259, 278 |
| <i>Leptodactylus poecilochilus</i> | 11 | 22, 81, 91, 101, 103, 137, 141, 142, 154, 166, 278 |
| <i>Leptodactylus savagei</i> | 16 | 13, 47, 62, 91, 101, 137, 141, 142, 154, 171, 184, 217, 259, 263, 278, 294 |
| <i>Lithobates forreri</i> | 8 | 91, 101, 135, 166, 171, 239, 289, 311 |
| <i>Lithobates macroglossa</i> | 7 | 81, 141, 142, 176, 184, 263, 278 |
| <i>Lithobates vaillanti</i> | 10 | 13, 24, 60, 137, 154, 184, 227, 259, 263, 278 |
| <i>Lithobates vibicarius</i> | 6 | 58, 184, 223, 261, 262, 281 |
| <i>Lithobates warszewitschii</i> | 22 | 43, 58, 60, 81, 98, 137, 141, 142, 154, 156, 184, 185, 205, 229, 239, 255, 259, 261, 263, 278, 289, 294 |
| <i>Nototriton abscondens</i> | 3 | 9, 184, 315 |
| <i>Nototriton costaricense</i> | 2 | 245, 315 |
| <i>Nototriton gamezi</i> | 3 | 185, 263, 315 |
| <i>Nototriton guanacaste</i> | 1 | 315 |

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|-------------------------------------|----|---|
| <i>Nototriton kenorum</i> | 1 | 315 |
| <i>Nototriton lateomuscus</i> | 1 | 315 |
| <i>Nototriton matama</i> | 1 | 139 |
| <i>Nototriton maximo</i> | 1 | 315 |
| <i>Nototriton picadoi</i> | 2 | 8, 315 |
| <i>Nototriton richardi</i> | 1 | 315 |
| <i>Nototriton tapanti</i> | 2 | 8, 315 |
| <i>Nototriton vereh</i> | 1 | 315 |
| <i>Oedipina alleni</i> | 2 | 101, 171 |
| <i>Oedipina altura</i> | 1 | 8 |
| <i>Oedipina berlini</i> | 2 | 207, 259 |
| <i>Oedipina gracilis</i> | 1 | 278 |
| <i>Oedipina nimaso</i> | 1 | 139 |
| <i>Oedipina pacificensis</i> | 1 | 101 |
| <i>Oedipina paucidentata</i> | 1 | 8 |
| <i>Oedipina poelzi</i> | 2 | 141, 142 |
| <i>Oedipina pseudouniformis</i> | 1 | 8 |
| <i>Oedipina savagei</i> | 1 | 288 |
| <i>Oedipina uniformis</i> | 7 | 8, 9, 141, 142, 185, 263, 289 |
| <i>Oophaga granulifera</i> | 11 | 1, 6, 42, 76, 94, 118, 131, 151, 159, 163, 322 |
| <i>Oophaga pumilio</i> | 66 | 11, 13, 14, 17, 30, 41, 42, 43, 44, 45, 46, 5, 58, 64, 65, 71, 72, 73, 74, 82, 83, 88, 93, 95, 109, 110, 113, 114, 123, 124, 126, 127, 128, 137, 138, 143, 144, 149, 150, 153, 154, 156, 157, 158, 162, 165, 168, 169, 177, 186, 187, 189, 191, 204, 209, 218, 224, 227, 236, 238, 259, 266, 268, 270, 278, 293 |
| <i>Phyllobates lugubris</i> | 7 | 4, 137, 153, 156, 178, 259, 278 |
| <i>Phyllobates vittatus</i> | 9 | 1, 3, 4, 6, 42, 94, 178, 249, 272 |
| <i>Pristimantis altae</i> | 7 | 58, 66, 134, 137, 184, 244, 259 |
| <i>Pristimantis caryophyllaceus</i> | 7 | 58, 94, 137, 184, 244, 259, 261 |
| <i>Pristimantis cerasinus</i> | 16 | 43, 44, 58, 60, 134, 137, 154, 156, 157, 184, 227, 244, 257, 259, 263, 278 |
| <i>Pristimantis cruentus</i> | 18 | 58, 6, 132, 81, 134, 137, 171, 176, 184, 185, 19, 234, 239, 244, 256, 259, 263, 278 |
| <i>Pristimantis ridens</i> | 27 | 48, 6, 132, 77, 81, 101, 134, 137, 141, 142, 154, 156, 157, 171, 176, 179, 184, 185, 19, 229, 234, 239, 244, 259, 263, 278, 289 |

| | | |
|------------------------------------|----|---|
| <i>Pristimantis taeniatus</i> | 1 | 244 |
| <i>Rhaebo haematiticus</i> | 21 | 15, 44, 81, 101, 119, 137, 141, 142, 143, 153, 154, 156, 157, 171, 194, 203, 227, 232, 259, 556, 294 |
| <i>Rhinella horribilis</i> | 27 | 13, 132, 81, 91, 94, 100, 101, 135, 136, 137, 141, 142, 153, 154, 166, 171, 176, 184, 202, 227, 232, 235, 259, 263, 289, 294, 296 |
| <i>Rhinophrynus dorsalis</i> | 4 | 27, 135, 230, 233 |
| <i>Sachatamia albomaculata</i> | 10 | 101, 137, 141, 142, 18, 234, 237, 259, 278, 294 |
| <i>Sachatamia ilex</i> | 1 | 184 |
| <i>Scinax boulengeri</i> | 11 | 18, 43, 60, 91, 101, 137, 153, 157, 166, 259, 278 |
| <i>Scinax elaeochroa</i> | 17 | 13, 18, 43, 44, 6, 94, 101, 137, 141, 154, 171, 184, 185, 217, 259, 263, 278 |
| <i>Scinax staufferi</i> | 3 | 94, 135, 166 |
| <i>Silverstoneia flotator</i> | 5 | 94, 153, 213, 242, 259 |
| <i>Silverstoneia nubicola</i> | 4 | 1, 42, 81, 261 |
| <i>Smilisca baudinii</i> | 11 | 13, 18, 91, 101, 135, 137, 154, 166, 199, 217, 219 |
| <i>Smilisca manisorum</i> | 4 | 219, 259, 263, 278 |
| <i>Smilisca phaeota</i> | 21 | 13, 47, 58, 66, 81, 94, 101, 103, 137, 154, 171, 176, 184, 185, 206, 232, 259, 263, 278, 294, 318 |
| <i>Smilisca puma</i> | 7 | 13, 33, 60, 137, 154, 259, 278 |
| <i>Smilisca sila</i> | 2 | 33, 101 |
| <i>Smilisca sordida</i> | 22 | 33, 56, 58, 60, 81, 94, 101, 137, 141, 142, 171, 176, 184, 232, 234, 247, 259, 263, 278, 289, 294, 321 |
| <i>Teratohyla pulverata</i> | 8 | 31, 51, 137, 185, 237, 259, 263, 278 |
| <i>Teratohyla spinosa</i> | 6 | 137, 229, 237, 259, 274, 278 |
| <i>Tlalocohyla celeste</i> | 1 | 320 |
| <i>Tlalocohyla loquax</i> | 3 | 18, 137, 259 |
| <i>Trachycephalus quadrangulum</i> | 10 | 91, 101, 135, 142, 166, 171, 280, 308, 311, 316 |
| <i>Triprrion spinosus</i> | 4 | 148, 184, 250, 290 |

Table S3. Number of amphibian research papers per protected area in Costa Rica (2000–2022).

| Protected area | Management category | Number of papers |
|---|----------------------------|-------------------------|
| Parque Internacional La Amistad | National Park | 58 |
| Zona Protectora La Selva | Protected Zones | 33 |
| Parque Nacional Santa Rosa | National Park | 33 |
| Parque Nacional Braulio Carrillo | National Park | 28 |
| Reserva Forestal Cordillera Volcánica Central | Forest Reserve | 23 |
| Zona Protectora Las Tablas | Protected Zones | 21 |
| Reserva Forestal Golfo Dulce | Forest Reserve | 20 |
| Parque Nacional Tapantí-Macizo de la Muerte | National Park | 20 |
| Parque Nacional Guanacaste | National Park | 20 |
| Reserva Biológica Hitoy Cerere | Biological Reserve | 19 |
| Zona Protectora Arenal Monteverde | Protected Zones | 16 |
| Reserva Biológica Alberto Manuel Brenes | Biological Reserve | 13 |
| Refugio Nacional de Vida Silvestre Barra del Colorado | National Wildlife Refuges | 12 |
| Zona Protectora Cuenca Río Siquirres | Protected Zones | 11 |
| Reserva Forestal Los Santos | Forest Reserve | 8 |
| Refugio Nacional de Vida Silvestre La Tirimbina | National Wildlife Refuges | 8 |
| Parque Nacional Juan Castro Blanco | National Park | 8 |
| Zona Protectora Río Banano | Protected Zones | 7 |
| Reserva Forestal Río Pacuare | Forest Reserve | 7 |
| Parque Nacional Corcovado | National Park | 6 |
| Reserva Forestal Río Macho | Forest Reserve | 6 |
| Refugio Nacional de Vida Silvestre Osa | National Wildlife Refuges | 5 |
| Parque Nacional Tortuguero | National Park | 5 |
| Parque Nacional Carara | National Park | 5 |

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|---|---------------------------|---|
| Reserva Natural Absoluta Cabo Blanco | Natural Absolute Preserve | 5 |
| Refugio Nacional de Vida Silvestre Golfito | National Wildlife Refuges | 4 |
| Parque Nacional Piedras Blancas | National Park | 4 |
| Refugio Nacional de Vida Silvestre Finca Barú | National Wildlife Refuges | 4 |
| Parque Nacional Palo Verde | National Park | 4 |
| Humedal Terraba-Sierpe | Wetland | 3 |
| Parque Nacional Chirripó | National Park | 3 |
| Zona Protectora Cerro de Escazú | Protected Zones | 3 |
| Refugio Nacional de Vida Silvestre Caño Negro | National Wildlife Refuges | 3 |
| Parque Nacional Cahuita | National Park | 2 |
| Zona Protectora Cerros de La Carpintera | Protected Zones | 2 |
| Parque Nacional Volcán Poás | National Park | 2 |
| Refugio Nacional de Vida Silvestre Peñas Blancas | National Wildlife Refuges | 2 |
| Parque Nacional Rincón de la Vieja | National Park | 2 |
| Refugio Nacional de Vida Silvestre Gandoca-Manzanillo | National Wildlife Refuges | 1 |
| Refugio Nacional de Vida Silvestre Punta Río Claro | National Wildlife Refuges | 1 |
| Parque Nacional Marino Ballena | National Park | 1 |
| Zona Protectora Acuíferos Guácimo y Pococí | Protected Zones | 1 |
| Zona Protectora Río Navarro-Río Sombrero | Protected Zones | 1 |
| Zona Protectora Cerro Nara | Protected Zones | 1 |
| Parque Nacional La Cangreja | National Park | 1 |
| Humedal Estero Puntarenas y Manglares Asociados | Wetland | 1 |
| Reserva Biológica Isla del Caño | Biological Reserve | 1 |
| Humedal De San Vito | Wetland | 0 |
| Humedal Lacustrino Laguna del Paraguas | Wetland | 0 |

| | | |
|--|---------------------------|---|
| Refugio Nacional de Vida Silvestre Limoncito | National Wildlife Refuges | 0 |
| Reserva Forestal Pacuare Matina | Forest Reserve | 0 |
| Refugio Nacional de Vida Silvestre Preciosa Platanares | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Pejeperro | National Wildlife Refuges | 0 |
| Humedal Nacional Cariari | Wetland | 0 |
| Refugio Nacional de Vida Silvestre Montaña de El Tigre | National Wildlife Refuges | 0 |
| Humedal Pejeperrito | Wetland | 0 |
| Refugio Nacional de Vida Silvestre Saimiri | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Carate | National Wildlife Refuges | 0 |
| Parque Nacional Barbilla | National Park | 0 |
| Refugio Nacional de Vida Silvestre Longo Mai | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Río General | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Archie Carr | National Wildlife Refuges | 0 |
| Humedal Lacustrino Bonilla Bonillita | Wetland | 0 |
| Zona Protectora Tortuguero | Protected Zones | 0 |
| Zona Protectora Cuenca del Río Tuis | Protected Zones | 0 |
| Monumento Nacional Guayabo | Natural Monument | 0 |
| Refugio Nacional de Vida Silvestre Quilloto | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Rancho La Merced | National Wildlife Refuges | 0 |
| Parque Nacional Volcán Turrialba | National Park | 0 |
| Parque Nacional Los Quetzales | National Park | 0 |
| Reserva Biológica Cerro Las Vueltas | Biological Reserve | 0 |
| Parque Nacional Volcán Irazú | National Park | 0 |

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|--|---------------------------|---|
| Refugio Nacional de Vida Silvestre Transilvania | National Wildlife Refuges | 0 |
| Zona Protectora Río Tiribi | Protected Zones | 0 |
| Refugio Nacional de Vida Silvestre Portalón | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Tapiria | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Lapa Verde | National Wildlife Refuges | 0 |
| Zona Protectora Quebrada Rosario | Protected Zones | 0 |
| Parque Nacional Manuel Antonio | National Park | 0 |
| Zona Protectora Caraigres | Protected Zones | 0 |
| Refugio Nacional de Vida Silvestre Cerro Redondo | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Bosque Alegre | National Wildlife Refuges | 0 |
| Zona Protectora Quitirrisí | Protected Zones | 0 |
| Reserva Forestal Grecia | Forest Reserve | 0 |
| Zona Protectora El Rodeo | Protected Zones | 0 |
| Refugio Nacional de Vida Silvestre Maquenque | National Wildlife Refuges | 0 |
| Zona Protectora Río Toro | Protected Zones | 0 |
| Zona Protectora El Chayote | Protected Zones | 0 |
| Zona Protectora Río Grande | Protected Zones | 0 |
| Zona Protectora Cerro Atenas | Protected Zones | 0 |
| Zona Protectora Cerro El Chompipe | Protected Zones | 0 |
| Zona Protectora Cerros de Turrubares | Protected Zones | 0 |
| Refugio Nacional de Vida Silvestre Fernando Castro Cervantes | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Hacienda La Avellana | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Duaru | National Wildlife Refuges | 0 |

| | | |
|---|---------------------------|---|
| Refugio Nacional de Vida Silvestre Playa Hermosa-Punta Mala | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Ara Macao | National Wildlife Refuges | 0 |
| Humedal Marino Playa Blanca | Wetland | 0 |
| Zona Protectora Montes de Oro | Protected Zones | 0 |
| Reserva Forestal Zona de Emergencia Volcán Arenal | Forest Reserve | 0 |
| Zona Protectora Tivives | Protected Zones | 0 |
| Refugio Nacional de Vida Silvestre Curi Cancha | National Wildlife Refuges | 0 |
| Parque Nacional Arenal | National Park | 0 |
| Refugio Nacional de Vida Silvestre Curú | National Wildlife Refuges | 0 |
| Zona Protectora Cuenca del Río Abangares | Protected Zones | 0 |
| Zona Protectora Tenorio | Protected Zones | 0 |
| Parque Nacional Volcán Tenorio | National Park | 0 |
| Refugio Nacional de Vida Silvestre Romelia | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre La Ensenada | National Wildlife Refuges | 0 |
| Reserva Natural Absoluta Nicolas Wessberg | Natural Absolute Preserve | 0 |
| Reserva Forestal Taboga | Forest Reserve | 0 |
| Humedal Laguna Madrigal | Wetland | 0 |
| Parque Nacional Miravalles-Jorge Manuel Dengo | National Park | 0 |
| Zona Protectora Miravalles | Protected Zones | 0 |
| Refugio Nacional de Vida Silvestre Caletas Ario | National Wildlife Refuges | 0 |
| Zona Protectora Península de Nicoya | Protected Zones | 0 |
| Humedal Palustrino Corral de Piedra | Wetland | 0 |
| Parque Nacional Barra Honda | National Park | 0 |
| Reserva Biológica Lomas de Barbudal | Biological Reserve | 0 |

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|---|---------------------------|---|
| Zona Protectora Monte Alto | Protected Zones | 0 |
| Refugio Nacional de Vida Silvestre Mata Redonda | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Hacienda El Viejo | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Cipancí | National Wildlife Refuges | 0 |
| Zona Protectora Cerro La Cruz | Protected Zones | 0 |
| Refugio Nacional de Vida Silvestre Camaronal | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Werner Sauter | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Iguanita | National Wildlife Refuges | 0 |
| Humedal Lacustrino Río Cañas | Wetland | 0 |
| Parque Nacional Diríá | National Park | 0 |
| Refugio Nacional de Vida Silvestre Corredor Fronterizo | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Ostional | National Wildlife Refuges | 0 |
| Refugio Nacional de Vida Silvestre Conchal | National Wildlife Refuges | 0 |
| Zona Protectora Las Baulas | Protected Zones | 0 |
| Parque Nacional Marino las Baulas | National Park | 0 |
| Refugio Nacional de Vida Silvestre Lagunas las Camelias | National Wildlife Refuges | 0 |
| Zona Protectora Guanacaste | Protected Zones | 0 |
| Refugio Nacional de Vida Silvestre Bahía Junquillal | National Wildlife Refuges | 0 |
| Humedal Riberino Zapandí | Wetland | 0 |
| Reserva Biológica Islas Negritos | Biological Reserve | 0 |
| Reserva Biológica Isla Guayabo | Biological Reserve | 0 |
| Refugio Nacional de Vida Silvestre Isla San Lucas | National Wildlife Refuges | 0 |

| | | |
|---|---------------------------|---|
| Reserva Natural Absoluta Cabo Blanco | Natural Absolute Preserve | 0 |
| Refugio Nacional de Vida Silvestre Isla Chora | National Wildlife Refuges | 0 |
| Parque Nacional Marino las Baulas | National Park | 0 |
| Refugio Nacional de Vida Silvestre Bahía Junquillal | National Wildlife Refuges | 0 |
| Parque Nacional Santa Rosa | National Park | 0 |
| Parque Nacional Isla del Coco | National Park | 0 |

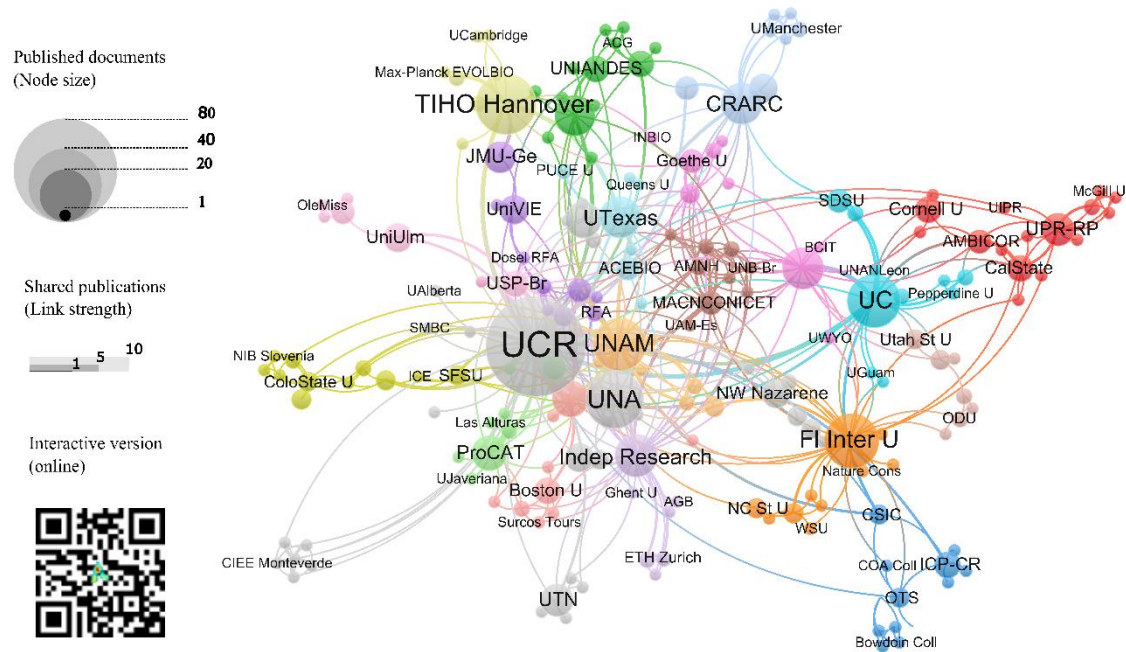


Figure S1. Collaboration network among institutions participating in research publications on Costa Rican amphibians between 2000 and 2022. Node size is proportional to the number of publications from each institution, and the width of the connecting lines (link strength) represents the number of co-authored publications between institutions. Detailed information on institution abbreviations, number of publications (node size), and link strength is provided in **Table S5**. Scan the QR code to access an interactive version of the figure.

Table S4. Institutions included in the collaboration network shown in Figure S4. The table lists the full institution names, abbreviations, countries, number of publications, and link strength values used to generate the network. Data correspond to articles published between January 2000 and December 2022 on Costa Rican amphibians.

| Institution | Institution Code | Country | Documents | Links |
|--|------------------|-------------|-----------|-------|
| Universidad de Costa Rica | UCR | Costa Rica | 75 | 60 |
| University of Veterinary Medicine of Hannover | TIHO Hannover | Germany | 27 | 15 |
| Universidad Nacional | UNA | Costa Rica | 25 | 14 |
| Florida International University | FI Inter U | USA | 22 | 30 |
| Universidad Nacional Autonoma de Mexico | UNAM | Mexico | 21 | 28 |
| University of California | UC | USA | 21 | 23 |
| Independent Researcher | Indep Research | - | 14 | 33 |
| John Carroll University | John Carroll U | USA | 13 | 22 |
| University of Texas | UTexas | USA | 13 | 18 |
| Costa Rican Amphibian Research Center | CRARC | Costa Rica | 13 | 18 |
| Smithsonian Tropical Research Institute | STRI | Panama | 12 | 12 |
| Purdue University | Purdue U | USA | 10 | 13 |
| University of Miami | UMiami | USA | 10 | 5 |
| ProCAT Internacional/The Sierra to Sea Foudation | ProCAT | Costa Rica | 9 | 14 |
| Universidad Técnica Nacional | UTN | Costa Rica | 8 | 6 |
| University of Puerto Rico - Rio Piedras | UPR-RP | Puerto Rico | 8 | 12 |
| University of Würzburg | JMU-Ge | Germany | 7 | 2 |
| Université de Savoie | UniVIE | France | 6 | 7 |
| Northwest Nazarene University | NW Nazarene | USA | 6 | 7 |
| Universidad Latina de Costa Rica | ULatina-CR | Costa Rica | 6 | 5 |
| University of Ulm | UniUlm | Germany | 6 | 3 |
| Costa Rican Private Tadpole Research Center | CRPTRC | Costa Rica | 6 | 1 |
| Cornell University | Cornell U | USA | 5 | 5 |
| California State University | CalState | USA | 5 | 9 |
| Boston University | Boston U | USA | 5 | 6 |
| University of Porto | UPlymouth | Portugal | 5 | 9 |
| Universidad de los Andes | UNIANDES | Colombia | 5 | 9 |
| Instituto Clodomiro Picado | ICP-CR | Costa Rica | 5 | 6 |
| Universidade de São Paulo | USP-Br | Brazil | 5 | 14 |
| Veragua Foundation for Rainforest Research | Veragua Fnd | Costa Rica | 4 | 3 |
| Goethe University Frankfurt | Goethe U | Germany | 4 | 6 |
| Museo Argentino de Ciencias Naturales "Bernardino Rivadavia" | MACNCONICET | Argentina | 4 | 19 |
| Zoo Miami | Zoo Miami | USA | 4 | 7 |

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| Auburn University | Auburn U | USA | 4 | 4 |
| CRWild | CRWild | Costa Rica | 4 | 9 |
| Asociación para la Conservación y el Estudio de la Biodiversidad (ACEBIO) | ACEBIO | Costa Rica | 4 | 4 |
| AMBICOR | AMBICOR | Costa Rica | 4 | 9 |
| San Diego State University | SDSU | USA | 4 | 4 |
| University of New Mexico | UNew Mexico | USA | 3 | 6 |
| National Institute of Diabetes and Digestive and Kidney Diseases | NIH-DDKD | USA | 3 | 3 |
| University of Windsor | UWindsor | Canada | 3 | 0 |
| Forschungsinstitut und Naturmuseum Senckenberg | Senckenberg NM | Germany | 3 | 10 |
| Tulane University | Tulane U | USA | 3 | 1 |
| OTS | OTS | Costa Rica | 3 | 9 |
| Princeton University | Princeton U | USA | 3 | 5 |
| Sierpefrogs | Sierpefrogs | Costa Rica | 3 | 2 |
| Utah State University | Utah St U | USA | 3 | 3 |
| North Carolina State University | NC St U | USA | 3 | 3 |
| San Francisco State University | SFSU | USA | 3 | 6 |
| University of South Dakota | USDakota | USA | 3 | 6 |
| Yale University | Yale U | USA | 3 | 4 |
| Colorado State University | ColoState U | USA | 3 | 9 |
| Consejo Superior de Investigaciones Científicas (CSIC) | CSIC | Spain | 3 | 5 |
| Texas A&M | Texas A&M | USA | 3 | 2 |
| Universidad Estatal a Distancia | UNED | Costa Rica | 3 | 3 |
| Zoo Atlanta | Zoo Atlanta | USA | 3 | 5 |
| Stanford University | Stanford U | USA | 2 | 4 |
| Northern Michigan University | NMU | USA | 2 | 0 |
| Technical University of Braunschweig | TU Braunschweig | Germany | 2 | 2 |
| University of Georgia Costa Rica | UGA-CR | Costa Rica | 2 | 3 |
| Westfälische Wilhelms-Universität | WWU Munster | Germany | 2 | 0 |
| American Museum of Natural History | AMNH | USA | 2 | 13 |
| Arizona State University | ASU | USA | 2 | 4 |
| Eastern Nazarene College | ENC Coll | USA | 2 | 1 |
| Pontificia Universidad Católica del Ecuador | PUCE U | Ecuador | 2 | 2 |
| University of North Carolina | UNC | USA | 2 | 1 |
| Universidade Estadual Paulista | UNESEP | Brazil | 2 | 13 |
| Zoological Research Museum Alexander Koenig | ZFMK | Germany | 2 | 3 |
| Doc Frog Expeditions | DocFrog | Costa Rica | 2 | 7 |
| East Carolina University | East Carolina U | USA | 2 | 1 |
| ETH Zürich | ETH Zurich | Germany | 2 | 3 |
| Harvard University | Harvard U | USA | 2 | 2 |
| Indiana University of Pennsylvania | IUP | USA | 2 | 5 |

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| University of Missouri | Mizzou | USA | 2 | 4 |
| Michigan State University | MSU | USA | 2 | 5 |
| University of Notre Dame | ND U | USA | 2 | 8 |
| Old Dominion University | ODU | USA | 2 | 4 |
| Rain Forest Adventures | RFA | Costa Rica | 2 | 3 |
| Instituto Tecnológico de Huejutla | TecNM Huejutla | Mexico | 2 | 4 |
| Tohoku University | Tohoku U | Japan | 2 | 3 |
| University of Florida | UFL | USA | 2 | 3 |
| Universidade Federal do Rio Grande do Norte | UFRN | Brazil | 2 | 5 |
| University of Manchester | UManchester | UK | 2 | 5 |
| Universidad Nacional de Colombia | UNAL | Colombia | 2 | 9 |
| University of Oklahoma | UOklahoma | USA | 2 | 0 |
| University of Wisconsin-Milwaukee | UWM | USA | 2 | 1 |
| United Arab Emirates University | UAEU | United Arab Emirates | 1 | 1 |
| University of Bern | UniBern | Switzerland | 1 | 2 |
| Centro de Ecología Aplicada del Litoral | CECOAL | Argentina | 1 | 0 |
| Natural History Museum of London | NHM London | UK | 1 | 0 |
| Inter American University of Puerto Rico | UIPR | Puerto Rico | 1 | 2 |
| Università degli Studi di Milano | UMilan | Italy | 1 | 1 |
| University of Ljubljana | UniLJ | Slovenia | 1 | 4 |
| Universidad del Valle | Univ-SMB | Colombia | 1 | 0 |
| Brigham Young University | BYU | USA | 1 | 1 |
| University of Glasgow | Glasgow U | UK | 1 | 2 |
| Stony Brook University | Stony Brook U | USA | 1 | 1 |
| Universidade Federal do Para | UFPA-Br | Brazil | 1 | 1 |
| Universität Mainz | UniMAINZ | Germany | 1 | 3 |
| University of Rouen Normandy | UniRouen | France | 1 | 1 |
| Bowdoin College | Bowdoin Coll | USA | 1 | 4 |
| Canadian Organization for Tropical Education and Rainforest Conservation | COTERC | Costa Rica | 1 | 2 |
| Colegio Técnico Profesional de la Fortuna | CTPF | Costa Rica | 1 | 3 |
| Evergreen State College | Evergreen St Coll | USA | 1 | 0 |
| Ghent University | Ghent U | Belgium | 1 | 1 |
| George Mason University | GMU | USA | 1 | 1 |
| Instituto Venezolano de Investigaciones Científicas | IVIC | Venezuela | 1 | 1 |
| Korea Advanced Institute of Science and Technology | KAIST | Korea | 1 | 1 |
| Finca Las Alturas del Bosque Verde | Las Alturas | Costa Rica | 1 | 4 |
| University of Mississippi | OleMiss | USA | 1 | 2 |
| Oregon State University | Oregon St U | USA | 1 | 3 |
| Pepperdine University | Pepperdine U | USA | 1 | 3 |

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| Pomona College | Pomona Coll | USA | 1 | 2 |
| Recuperación y Estudio de Abejas Nativas | REAN CR | Costa Rica | 1 | 3 |
| Oklahoma Museum of Natural History | SNOMNH | USA | 1 | 1 |
| University of Connecticut | UConn | USA | 1 | 2 |
| Universidade Federal do Rio de Janeiro | UFRJ | Brazil | 1 | 8 |
| Universidad Nacional Autónoma de Nicaragua-León | UNANLeon | Nicaragua | 1 | 1 |
| Universidade de Brasilia | UNB-Br | Brazil | 1 | 8 |
| University of Pennsylvania | UP-Porto | USA | 1 | 1 |
| University of Salford | USalford | UK | 1 | 5 |
| West Indian Herping | WIndian Herp | Trinidad and Tobago | 1 | 0 |
| York University | York U | Canada | 1 | 2 |
| Area de Conservación Guanacaste | ACG | Costa Rica | 1 | 4 |
| Asesoría en Gestión de la Diversidad | AGB | Costa Rica | 1 | 2 |
| Fundación AndígenA | Andigena Fnd | Venezuela | 1 | 8 |
| Berkshire College of Agriculture | BCA UK | UK | 1 | 5 |
| British Columbia Institute of Technology | BCIT | Canada | 1 | 1 |
| Bristol Zoological Society | Bristol Zoo | UK | 1 | 5 |
| California Academy of Sciences | CalAcademy | USA | 1 | 3 |
| CATIE | CATIE | Costa Rica | 1 | 1 |
| CIEE Study Abroad Monteverde | CIEE Monteverde | Costa Rica | 1 | 6 |
| Claremont Colleges Joint Sciences | Claremont JColl | USA | 1 | 1 |
| Claremont McKenna College | Claremont McKenna | USA | 1 | 1 |
| Clarkson University | Clarkson U | USA | 1 | 1 |
| College of the Atlantic | COA Coll | USA | 1 | 2 |
| Colgate University | Colgate U | USA | 1 | 4 |
| Fundación Cóndor Andino | Condor Andino Fnd | Ecuador | 1 | 2 |
| Case Western Reserve University | CWR U | USA | 1 | 2 |
| Dosel S.A Rain Forest Adventures | Dosel RFA | Costa Rica | 1 | 4 |
| Duke University | Duke U | USA | 1 | 4 |
| Frogs heaven & Wildlife's Refuge | FHW Refuge | Costa Rica | 1 | 3 |
| Sir Sandford Fleming College | Fleming Coll | Canada | 1 | 6 |
| Fort Lewis College | FortLewis Coll | USA | 1 | 3 |
| Glendale Community College | Glendale Coll | USA | 1 | 1 |
| German Research Center for Environmental Health | GMBH | Germany | 1 | 2 |
| Goddard Space Flight Center | Goddard SFC | USA | 1 | 2 |
| Gonzaga University | Gonzaga U | USA | 1 | 3 |
| Grupo de Sistemática y Ecología de Artrópodos Caribeños | GSEA | Cuba | 1 | 1 |
| Hartwick College | Hartwick Coll | USA | 1 | 4 |
| Hood College | Hood Coll | USA | 1 | 1 |

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| Instituto Costarricense de Electricidad | ICE | Costa Rica | 1 | 3 |
| Illinois State University | Il State U | USA | 1 | 2 |
| Instituto Nacional de Biodiversidad | INBIO | Costa Rica | 1 | 2 |
| Investigación y Asistencia Agrícola S.A. | INVAG-SA | Costa Rica | 1 | 0 |
| Indiana University | IU | USA | 1 | 2 |
| University of Kansas | Kansas U | USA | 1 | 1 |
| Louisiana State University | LSU | USA | 1 | 2 |
| Lund University | Lund U | Sweden | 1 | 4 |
| Macquarie University | Macquarie U | Australia | 1 | 1 |
| Max-Planck Institute for Evolutionary Biology | Max-Planck EVOLBIO | Germany | 1 | 2 |
| McGill University | McGill u | Canada | 1 | 4 |
| Museo Ecuatoriano de Ciencias Naturales | MECN | Ecuador | 1 | 0 |
| Messiah University | Messiah U | USA | 1 | 2 |
| Martin-Luther-University Halle-Wittenberg | MLU | Germany | 1 | 1 |
| Monteverde Costa Rica | Monteverde CFBR | Costa Rica | 1 | 1 |
| Morgan Hill city | Morgan Hill | USA | 1 | 1 |
| Mississippi State University | MSState U | USA | 1 | 4 |
| Tortugas Preciosas de Osa | Namá Conservation | Costa Rica | 1 | 4 |
| The Nature Conservancy | Nature Cons | USA | 1 | 1 |
| Notre Dame College | ND Coll | USA | 1 | 2 |
| National Institute of Biology (NIB) of Slovenia | NIB Slovenia | Slovenia | 1 | 4 |
| Nordens Ark | Nordens Ark | Sweden | 1 | 5 |
| Ohio University | Ohio U | USA | 1 | 1 |
| Passaic County Community College | PCCC Coll | USA | 1 | 4 |
| Arizona Center for Nature Conservation/Phoenix Zoo | Phoenix Zoo | USA | 1 | 1 |
| Portland State University | Portland St U | USA | 1 | 1 |
| Queen's University | Queens U | Canada | 1 | 2 |
| Fundación RANA (Restauración de Ambientes Neotropicales Alterados) | RANA Fnd | Colombia | 1 | 4 |
| Roger Tory Peterson Institute of Natural History | RTPI | USA | 1 | 5 |
| Siena College | Siena Coll | USA | 1 | 1 |
| Southern Illinois University at Carbondale | SIU | USA | 1 | 0 |
| Sociedad Mesoamericana para la Biología y la Conservación | SMBC | Costa Rica | 1 | 1 |
| Smithsonian Zoo | Smithsonian Zoo | USA | 1 | 2 |
| State University of New York | SUNY | USA | 1 | 2 |
| Surcos Tours | Surcos Tours | Costa Rica | 1 | 4 |
| Syracuse University | Syracuse U | USA | 1 | 1 |
| Tapir Valley Nature Reserve | Tapir Valley NR | Costa Rica | 1 | 4 |
| Texas Tech University | Texas Tech | USA | 1 | 1 |
| Tropical Forestry Initiative | TFI-CR | Costa Rica | 1 | 1 |

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| Turrialba Herpetology Team | THT | Costa Rica | 1 | 2 |
| Reserva Biológica Tirimbina | Tirimbina RB | Costa Rica | 1 | 6 |
| University of Alberta | UAlberta | Canada | 1 | 1 |
| Universidad Autónoma de Madrid | UAM-Es | Spain | 1 | 2 |
| University of British Columbia | UBC-Ca | Canada | 1 | 1 |
| University of Calgary | UCalgary | Canada | 1 | 0 |
| University of Cambridge | UCambridge | UK | 1 | 2 |
| Universidad Centroamericana de Ciencias Sociales | UCASIS | Costa Rica | 1 | 4 |
| University of Chicago | UChicago | USA | 1 | 0 |
| University College of London | UCL | UK | 1 | 1 |
| University of Colorado | UColorado | USA | 1 | 1 |
| Dalhousie University | UDalhousie | Canada | 1 | 1 |
| University of Delaware | UDelaware | USA | 1 | 3 |
| University of Guam | UGuam | Guam | 1 | 3 |
| Pontificia Universidad Javeriana | UJaveriana | Colombia | 1 | 1 |
| University of Massachusetts Boston | UMass | USA | 1 | 1 |
| University of Maryland | UMD | USA | 1 | 1 |
| University of Michigan | UMichigan | USA | 1 | 2 |
| Universidad Nacional Autónoma de Honduras | UNAH | Honduras | 1 | 1 |
| Universidade Federal do Amapá | UNIFAP | Brazil | 1 | 2 |
| University of Geneva | UniGe | Switzerland | 1 | 2 |
| Friedrich Schiller University | UniJENA | Germany | 1 | 0 |
| Universidad del Magdalena | UniMAG | Colombia | 1 | 2 |
| University of Pavia | UNIPV | Italy | 1 | 2 |
| University of Quindío | UniQUINDIO | Colombia | 1 | 1 |
| Universität Rostock | UNIROSTOCK | Germany | 1 | 1 |
| University of Vienna | UniValle | Austria | 1 | 2 |
| University of Oxford | UOxford | UK | 1 | 4 |
| University of Pittsburgh | UPenn | USA | 1 | 4 |
| University of Plymouth | UPittsburgh | UK | 1 | 1 |
| University of Rhode Island | URI U | USA | 1 | 4 |
| University of Richmond | URichmond | USA | 1 | 2 |
| Universidad de San Carlos de Guatemala | USAC | Guatemala | 1 | 8 |
| Universidad San Francisco de Quito | USFQ | Ecuador | 1 | 1 |
| University of Toronto | UToronto | Canada | 1 | 2 |
| Upper Thames River Conservation Authority Ontario, Canada | UTRCAO | Canada | 1 | 6 |
| Universidad de Valencia | UValencia | Spain | 1 | 1 |
| University of Washington | UWashington | USA | 1 | 3 |
| University of Wyoming | UWYO | USA | 1 | 2 |
| Vassar College | Vassar Coll | USA | 1 | 1 |
| Messerli Research Center | Vetmeduni | Austria | 1 | 1 |

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| University of Virginia | Virginia U | USA | 1 | 4 |
| Bureau Viridis - Ecological Research & Consultancy | Viridis | Netherlands | 1 | 6 |
| WANATURA | WANATURA | Costa Rica | 1 | 2 |
| Wichita High School North | Wichita HS North | USA | 1 | 2 |
| WSP Canada Ltd | WSP-Ca | Canada | 1 | 6 |
| Washington State University | WSU | USA | 1 | 2 |
