

INTRODUÇÃO

O presente catálogo abrange as espécies neotropicais aí incluídas algumas neárticas que se estendem até o norte do México e em alguns poucos casos foram também indicadas espécies que não atingem o México mas poderão ser úteis à identificação das neotropicais por pertencerem ao mesmo gênero.

Segundo a recente lista de odonatas do mundo (imagos) de Davies, D. A. L. e P. Tobin, vol. 1 (Zygoptera e Anisozygoptera) e vol. 2 (Anisoptera, publicados pela Society International of Odonatology (SIO), Rapid Communications (Supplements), nº 3 (1984) e nº 5 (1985) respectivamente, o número de odonatas neotropicais é de 187 gêneros, não incluídos os subgêneros, e de 1366 espécies, não incluídas as subespécies.

O presente catálogo registra referências a ninfas de 114 gêneros dentre 187 neotropicais (60,96%), a 292 espécies descritas ou eclodidas (21,37%) e a 49 espécies (sp.) não identificadas (3,58%).

Não foram incluídas as referências de Paulson (1977 e 1982) e de Santos (1981) em Aquática Biota da América do Sul, Central e Índias do Oeste por já estarem citadas no corpo do presente catálogo.

Na apresentação abrangendo 18 famílias seguiu-se a classificação de Fraser, 1957 (A reclassification of the order Odonata, Royal Zoological Society of New South Wales, Sidney). Nas abreviaturas de periódicos usou-se, sempre que possível, o World List.

(*) Museu Nacional, Departamento de Entomologia (UFRJ).

RELAÇÃO DAS ESPÉCIES

ANISOPTERA, Aeshnidae, Aeshnidae

Aeshna (*Aeshna*) *rufipes*
Aeshna (*Aeshna*) *walkeri*
Aeshna (*Hesperaeschna*) *cornigera*
Aeshna (*Hesperaeschna*) *planaltica*
Aeshna (*Hesperaeschna*) *peralta*
Aeshna (*Hesperaeschna*) *psilus*
Aeshna (*Hesperaeschna*) *punctata*
Aeshna (*Hesperaeschna*) *variegata*
Aeshna (*Hesperaeschna*) *sp.*
Aeshna (*Neureclipta*) *bonariensis*
Aeshna (*Neureclipta*) *diffinis*
Aeshna (*Neureclipta*) *galapagoensis*
Aeshna (*Schizuraeschna*) *jalapensis*
Aeshna (*Schizuraeschna*) *multicolor*
Castoraeschna *castor*
Coryphaeschna *adnexa* (*)
Coryphaeschna *ingens*
Coryphaeschna *luteipennis florida*
Coryphaeschna *luteipennis luteipennis* (*)
Coryphaeschna *perrensi* (*)
Coryphaeschna *rufipennis*
Coryphaeschna *viriditas* (*)
Epiaeschna *heros*
Limnetron *debile*
Oplonaeschna *armata*

Anactinae

Anax *amazili*
Anax *concolor*
Anax *junius*
Anax *longipes*
Anax *walsinghami*

Gynacanthaginae

Gynacantha *gracilis*
Gynacantha *nervosa* (*)
Gynacantha *sp.*

Neuraeschna sp. (*)
Staurophlebia bosqi
Staurophlebia reticulata
Tryacanthagyna caribbea
Tryacanthagyna trifida

Neopetalinae

Hypopetalia pestilens
Phyllopetalia sp.

Gomphidae

Agriogomphus sylvicola (*)
Agriogomphus ericae
Aphylla albinensis
Aphylla caraiba caraiba
Aphylla dentata (*)
Aphylla producta (*)
Aphylla protracta
Aphylla simulata
Aphylla sp.
Archaeogomphus nanus
Cacoides latro (*)
Cyanogomphus conchinus (**)
Cyanogomphus demerarae (**)
Cyanogomphus minutus (**)
Cyanogomphus noval (**)
Cyanogomphus waltheri
Cyanogomphus sp.
Desmogomphus tigrivensis (*)
Epigomphus paludosus
Epigomphus sp.
Erpetogomphus compositus
Erpetogomphus designatus
Erpetogomphus menetriesii
Gomphoides infumata
Gomphoides sp.
Melanocacus mungo (*)
Mitragomphus sp.
Neogomphus bidens
Neogomphus molestus
Octogomphus specularis

Phyllocycla argentina
Phyllocycla elongata
Phyllocycla gladiata
Phyllocycla modesta
Phyllocycla neotropica
Phyllocycla ophis
Phyllocycla pachystila
Phyllocycla viridipleura
Phyllocycla volsella
Phyllocycla sp.
Phyllogomphoides andromeda
Phyllogomphoides audax
Phyllogomphoides bifasciatus
Phyllogomphoides cristatus
Phyllogomphoides fuliginosus
Phyllogomphoides stigmatus
Phyllogomphoides undulatus
Progomphus abbreviatus
Progomphus alachuensis
Progomphus borealis
Progomphus brachynemis (*)
Progomphus clendoni
Progomphus complicatus
Progomphus conjectus
Progomphus geijskesi (*)
Progomphus guyanensis (*)
Progomphus integer
Progomphus intricatus
Progomphus lepidus (*)
Progomphus longistigma
Progomphus obscurus
Progomphus serenus
Progomphus tibialis
Progomphus williansoni
Progomphus zephyrus
Progomphus zonatus
Progomphus sp.
Zonophora batesi (*)
Zonophora callipus (*)
Zonophora sp.

Petaluridae

Phenes raptor

Cordulegasteridae

Cordulegaster diadema

Cordulegaster diastatops

Corduliidae

Aeschnosoma auripennis (*)

Aeschnosoma forcipula (*)

Macromia caderita

Rialla villosa

Libellulidae

Anatya januaria

Brachymesia furcata

Brachymesia sp.

Brechmorhoga mendax

Brechmorhoga nubecula

Brechmorhoga rapax

Brechmorhoga vivax

Cannacria grávida

Cannacria herbida (*)

Celithemis eponina

Diastatops obscura (*)

Dythemis fugax

Dythemis multipunctata (*)

Dythemis rufinervis

Dythemis sterilis

Dythemis velox (*)

Erythemis attala (*)

Erythemis collocata

Erythemis credula

Erythemis peruviana (*)

Erythemis plebeja

Erythemis simplicicollis

Erythemis sp.

Erythrodiplax berenice

Erythrodiplax connata fusca

Erythrodiplax funerea

Erythrodiplax justiniana
Erythrodiplax naeva
Erythrodiplax umbrata (*)
Erythrodiplax sp.
Gynothemis unisecta
Idiataphe cubensis
Lepthemis vesiculosa (*)
Libellula auripennis
Libellula herculea (*)
Libellula comabche
Libellula croceipennis
Libellula luctuosa
Libellula needhami
Libellula saturata
Macrodiplax balteata
Macrothemis celeno
Macrothemis musiva (**)
Miathyria marcella (*)
Micrathyria aequalis
Micrathyria artemis (*)
Micrathyria atra (*)
Micrathyria didyma (*)
Micrathyria dissocians
Micrathyria hageni
Micrathyria hypodidyma
Micrathyria ocellata (*)
Micrathyria stawarskii
Micrathyria sp.
Orthemis ferruginea (*)
Orthemis sp.
Pachydiplax longipennis
Paltothemis lineatipes
Pantala flavescens (*)
Pantala hymenea
Perithemis domitia
Perithemis electra (*)
Perithemis mooma (*)
Perithemis rubita
Perithemis seminole
Perithemis tenera
Perithemis sp.
Plathemis lydia

Plathemis subornata
Pseudoleon superbus
Rhodopygia geijskesi
Scapania frontalis
Tarnetrum corruptum
Tarnetrum illotum
Tarnetrum nigrocreatum
Tauriphila australis (*)
Tauriphila sp.
Tholymis citrina (*)
Tramea abdominalis (*)
Tramea binotata
Tramea cophysa (*)
Tramea lacerata
Tramea onusta
Tramea sp.

ZYGOPTERA, Agrionoidea (Calopteroidea)

Agrionidae (Calopterygidae)

Agrion dimidiatum
Hetaerina americana
Hetaerina auripennis (**)
Hetaerina brightwelli
Hetaerina capitalis (**)
Hetaerina dominula (**)
Hetaerina hebe
Hetaerina macropus (**)
Hetaerina moribunda (**)
Hetaerina titia
Hetaerina sp.

Amphipterygidae

Amphipteryx sp.
Rimanella arcana

Heliocharitidae (Dicteriasteridae)

Dicterias cothurnata (**)
Heliocharis amazonica (**)

Polythoridae

Chalcopteryx rutilans

Cora chirripa

Cora cyanea

Cora marina (?)

Thorinae sp.

Pseudolestidae

Hypolestes clara

Thaumatoneura sp.

Coenagrionidea, Coenagrionidae

Acanthagrion adustum (*)

Acanthagrion ascendens

Acanthagrion cuneatum

Acanthagrion gracile

Acanthagrion indefensum

Acanthagrion peruvianum

Acanthagrion sp.

Aeolagrion demerarum

Andinagrion peterseni

Andinagrion saliceti

Anomalagrion hastatum

Antiagrion sp.

Argentagrion ambiguum

Argentagrion nepos

Argia agrioides

Argia concinna

Argia difficilis

Argia fumipennis

Argia insipida

Argia moesta

Argia orichalcea

Argia sedula

Argia sordida

Argia translata

Argia violacea

Argia vivida

Ceratura capreola (*)

Cyanallagma bonariense

Cyanallagma interruptum

Diceratobasis macrogaster
Enacantha caribbea
Enallagma cardenium
Enallagma carunculatum
Enallagma cheliferum
Enallagma civile
Enallagma coecum
Enallagma cultellatum
Enallagma doubledayi
Enallagma praevarum
Enallagma truncatum
Hesperagrion heterodoxum
Hyponeura lugens
Ischnura cervula (*)
Ischnura credula
Ischnura denticollis
Ischnura ramburii
Leptagrion andromache
Leptagrion elongatum
Leptagrion fernandezianum
Leptagrion macrurum
Leptagrion perlongum
Leptobasis vacillans
Leptobasis sp.
Nehallenia minuta
Oxyagrion basale
Oxyagrion chapadense
Oxyagrion evanescens
Oxyagrion hempeli
Oxyagrion impunctatum
Oxyagrion microstigma
Oxyagrion rubidum
Oxyagrion simile
Oxyagrion terminale
Protallagma titicacae
Teleallagma daeckii (*)
Telebasis dominicanum
Telebasis salva
Telebasis sanguinalis
Telebasis vulnerata
Telebasis willinki

Megapodagrionidae

Heteragrion aurantiacum
Megapodagrion venale (**)
Oxystigma petiolatum (**)
Philogenia cassandra

Protoneuridae

Idioneura ancilla
Microneura calligata
Neoneura carnatica
Neoneura joana (**)
Neoneura maria
Peristicta aeneoviridis
Roppancura beckeri
Protoneura aisla

Pseudostigmatidae

Mecistogaster amalia
Mecistogaster linearis
Mecistogaster martinezi
Mecistogaster modesta
Mecistogaster ornata
Megaloprepus coeruleus (*)
Microstigma sp.

Lestinoidea, Lestidae

Archilestes californica
Archilestes grandis
Lestes forficula (*)
Lestes pictus
Lestes scalaris
Lestes spumarius
Lestes tenuatus

Perilestidae

Perilestes fragilis (*)
Perissolestes magdalena

Synlestidae

Phyllolestes ethelae

(*) Espécies presentes na região amazônica (Lênticas).
(**) Espécies presentes na região amazônica (Lóticas).

ODONATA Fabricius, 1793

Fabricius, 1792. **Ent. Syst.** 11: 373 - 388; Rousseau, 1909. **Ann. Biol. Lac.** 111: 1-68, 47 figs.; Tillyard, 1917. **Biol. Dragfls.** 67 - 99, figs. 24 - 43, 173 - 201, figs. 76 - 87; Rousseau, 1921. **Aquat. Ins. Eur.** IV: 101 - 161, figs. 25 - 39; Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 35, 115 (chave famm.); Petersen, 1939. **Ann. Ent. Soc. Amer.** 32: 267 - 278; Smith e Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.** 106-153, 92 figs.; Gloyd & Wright, 1959. "in Edmondsen", Ward & Whipple, **Fresh - Water Biol.**: 915 - 940, figs. 24. 1 - 34. 86, Westfall, 1978. "in Merrit & Cummins", **Aquat. Ins. N. Am.**: 81-98, figs. 9.1 - 9.45.

ANISOPTERA: AESHNOIDEA, AESHNIDAE - AESHNINI, AESHNINAE

Cabot, 1881. **Mem. Mus. Comp. Zool. Harv.** 8(1): 9 - 11; Rousseau, 1909. **Ann. Biol. Lac.** 3: 309 - 311; Rousseau, 1921. **Aquat. Ins. Eur.** IV: 114 - 116 (chave genn.); Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 169, Wright e Petersen, 1944. **Ohio J. Sci.** 44 (4): 154 - 156 (chave genn.) Needham & Westfall, 1955. **Man. Dragfls. N. Amer.**: 250 - 256 (chave genn.); Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.** 119 - 121 (chave genn.); Gloyd & Wright, 1959. "Edmondsen", Ward & Whipple, **Fresh-Water Biol.**; 931 (chave genn.); Westfall, 1978. "in Merrit & Cummins", **Aquat. Ins. N. Am.**: 82, 88.

AESHNA Fabricius, 1775

Cabot, 1881. **Mem. Mus. Comp. Zool. Harv.** 8(1): 18; Rousseau, 1909. **Ann. Biol. Lac.** 3: 311 - 312; Walker, 1912. **Univ. Toronto Stud. Biol. Ser.** XI(7): 6, 13 - 14, 46 - 56, Rousseau, 1921. **Aquat. Ins. Eur.** IV: 118 - 120; Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 171 (chave), 179 - 180; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.**: 125 (chave), 136; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.**: 255 (chave), 256, 295 - 297, (chave); Calvert, 1956. **Mem. Am. Ent. Soc.** 15: 190 - 193 (chave) e (chave spp.); Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.** 120 (chave), 121; Gloyd & Wright, 1959. "Usinger", **Aquatic Ins. Calif.** "Edmondsen", Ward & Whipple, **Fresh-Water Biol.** 931 (chave).

Aeshna (Aeshna) rufipes Ris, 1918

Marmels, 1982. **Boln. ent. venezol. N. S.** 2(12): 103 - 104, figs. 1, 9 - 15.

Aeshna (Aeshna) walkeri Kennedy, 1917

Kennedy, 1917. **Proc. U. S. Nat. Mus.** 52: 591 - 592, figs. 399 - 402; Needham & Westfall, 1955. **Dragf. N. Am.** 296, fig. 178 D, 297; Smith & Pritchard, 1956. "Usinger" **Aquat. Ins. Calif.**: 123 (chave).

Aeshna (Hesperaeschna) cornigera cornigera Brauer, 1865

Marmels, 1982. *Bol. ent. venezol.* N. S. 2(12): 103, figs. 1, 2 - 8.

Aeshna (Hesperaeschna) cornigera planaltica Calvert, 1952

Santos, 1970. *Atas Soc. Biol. Rio de J.* 13(1-2): 48 (referência sem descrição).

Aeshna (Hesperaeschna) peralta Ris, 1918

Santos, 1966. *Atas Soc. Biol. Rio de J.* 10(5): 123 - 124, 3 figs.

Aeshna (Hesperaeschna) psilus Calvert, 1947

Needham & Westfall, 1955. *Man. Dragfls. N. Amer.* 296, 297, fig 178 D; Calvert, 1956. *Mem. Am. Ent. Soc.* 15: 191, 194 - 196, Pl. XL, fig. 531, Pl. XLI figs. 539 - 554.

Aeshna (Hesperaeschna) punctata Martin, 1908

Santos, 1966. *Atas Soc. Biol. Rio de J.* 10(4): 97 - 100, 3 figs.

Aeshna (Hesperaeschna) variegata Fabricius, 1775

Calvert, 1956. *Mem. Am. Ent. Soc.* 15: 199; Ris, 1904. *Hamb. Magal. Sammelreise Odonaten:* 27, figs 14a e b (como *Aeshna diffinis*).

Aeshna (Hesperaeschna) sp. n^o 1

Calvert, 1956. *Mem. Am. Ent. Soc.* 15: 191, 198 - 199, Pl. 45, figs. 600, 601, map. 1.

Aeshna (Hesperaeschna) sp. n^o 2

Calvert, 1956. *Mem. Am. Ent. Soc.*: 196 - 198.

Aeshna (Neureclipa) bonariensis (Rambur, 1842) Hagen, 1861

Abenante, 1979. *Rev. F. H. C. (Cien. Biol.)* Montevideo, 1(3): 29-48; Capítulo, 1980. *Lim nobios* 2(1): 1 - 21, figs, 1 - 44.

Aeshna (Neureclipa) diffinis Rambur, 1842

Calvert, 1956. *Mem. Am. Ent. Soc.* 15: 191, 201 - 203, Pl. 40, figs. 527-530, Pl. 42, figs.

555 - 561, map 6.

Aeshna (Neureclipta) galapagoensis Currie, 1901

Needham, 1904. *Proc. U. S. Natn. Mus.* 37: 695, Pl. 40, fig. 3.

Aeshna (Schizuraeschna) jalapensis Williamson, 1908

Calvert, 1956. *Mem. Am. Ent. Soc.* 15: 191, 199 - 201.

Aeshna (Schizuraeschna) multicolor Hagen, 1861

Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 139; Needham & Westfall, 1955. *Dragfl. M. Am.*: 296 fig. 178 C, 297; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif. Fig. 4:* 11-a, p. 120 (chave), 121.

CASTORAESCHNA Calvert, 1952

Castoraeschna castor (Brauer, 1865) Calvert, 1952

Santos, 1970. *Atas Soc. Biol. Rio de J.* 13(1-2): 47-48, 3 figs. 13(5-6): 157.

CORYPHAESCHNA Williamson, 1903

Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 125(chave), 131; Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.* 1(1): 36 (chave), 69 - 70; Klots, 1932. *Sci. Surv. P. Rico*: 14 (Chave), 19; Wright & Petersen, 1944. *Ohio J. Sci.* 154; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.* 253 - 254 (chave), 280 (chave spp.); Calvert, 1956. *Mem. Am. Ent. Soc.* 15: 191 (chave); Smith & Pritchard, 1956. "Usinger", *Aquat. Ins. Calif.*: 120(chave), 121, fig. 4: 11-o; Gloyd & Wright, 1959. "Edmondson", *Ward & Whipple, Fresh-Water Biol.*: 931 (chave).

Coryphaeschna adnexa (Hagen, 1861) Calvert, 1903

Garcia Diaz, 1938. *J. Agric. Univ. P. Rico* 22: 57, 75 - 76, Pl. 5, fig. 4, Pl. 6 fig. 7; Wolcott, 1951. *J. Agric. Univ. P. Rico* 32(1): 80; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.* 280 (chave); Calvert, 1956. *Mem. Am. Ent. Soc.* 15: 192, 203 - 204, Pl. 45 figs. 588, 594 - 597, map 7; Santos. 1970. *Atas Soc. Biol. Rio de J.* 13(1-2): 75-77, 4 figs.

Coryphaeschna ingens (Rambur, 1842) Williamson, 1903

Kennedy, 1919. *Ent. News* 30: 106, figs 1 - 3; Brimley, 1925. *Ent. News* 36: 85; Needham & **Catálogo bibliográfico ...**

Heywood, 1929. *Hdb. Dragfls. N. Am.*: 131; Byers, 1930. *Univ. Fla. Publ. Sci. Ser.* 1(1): 253, 254, fig. 10; Calvert, 1945. *Ent. News* 56: 116; Needham & Westfall, 1955. *Draf. N. Am.*: 280, fig. 169; Calvert, 1956. *Mem. Amer. Ent. Soc.* 15: 192, 213 - 216, Pl. 40, fig. 536, Pl. 45, fig. 589, 590, 598.

Coryphaeschna luteipennis florida (Hagen, 1861) Calvert, 1956

Calvert, 1934. *Proc. Amer. Phil. Soc.* 73: 45; 1948. *Bolm. Mus. Nac. Rio de J. (N.S.) Zool.* 87: 12 - 15, figs. 1 - 3; 1956. *Mem. Am. Ent. Soc.* 15: 192, 206 - 209, Pl. 40, figs. 526, 532, 537, Pl. 42 figs. 562 - 566, Pl. 43, figs. 567 - 568, Pl. 44, figs. 569 - 586, 581 - 586, map 7.

Coryphaeschna luteipennis luteipennis (Burmeister, 1839) Calvert, 1956

Cabot, 1881. *Mem. Mus. Comp. Zool. Harv.* 8(1): 25, n^o 19, Pl. 1, figs. 4 e 4d (como *Aeshna* sp.); Calvert, 1934. *Proc. Amer. Phil. Soc.* 73(1): 45 (como *Aeschna* (*Coryphaeschna*) *luteipennis*); 1948. *Bolm. Mus. Nac. Rio de J. (N. S.) Zool.* 87: 12 - 15, figs. 1 - 3 (como *Aeschna* (*Coryphaeschna*) near *luteipennis* ?); Needham & Westfall, 1955. *Man. Dragfls. N. Amer.* 281; Calvert, 1956. *Mem. Am. Ent. Soc.* 15: 191, 192, 204 - 206, Pl. 40, figs. 533, 538, Pl. 44, fig. 587, map. 7; Santos, 1970. *Atas Soc. Biol. Rio de J.* 13(1-2): 48.

Coryphaeschna perrensi (McLachlan, 1887) Ris, 1913

Calvert, 1956. *Mem. Am. Ent. Soc.* 15: 192, 209 - 210, Pl. 45, figs. 593, 602, map. 7; Santos, 1969. *Atas Soc. Biol. Rio de J.* 12(4); 173 - 174, 5 figs.

Coryphaeschna rufipennis Kennedy, 1941

Calvert, 1956. *Mem. Am. Ent. Soc.* 15: 192 (chave).

Coryphaeschna viriditas Calvert, 1952

Geijskes, 1943. *Ent. News* 44: 68 - 71, fig. 2 (como *Coryphaeschna virens*); Needham & Westfall, 1955. *Man. Dragfls. N. Amer.* 280 (chave), 282 (como *Gomphaeschna virens*); Calvert, 1956. *Mem. Am. Ent. Soc.* 15: 192, 210 - 213, Pl. 40, fig. 535, Pl. 45, figs. 591, 592, 599, Pl. 47, figs. 607, 610, 614, map. 7.

EPIAESCHNA Hagen, 1877

Cabot, 1881. *Mem. Mus. Comp. Zool. Harv.* 8(1): 30; Calvert, 1893. *Trans. Am. Ent. Soc.* 20: 226 (chave); Williamson, 1900. 24th. *Ann. Rep. Ind. Dept. Geol. Nat. Res.*: 245 (chave); Needham, 1901. *Bull. Ill. St. Lab. Nat. Hist.* VI (A1): 32 (chave); Needham, 1901. 278

Bull. N. Y. St. Mus. 47: 464 (chave); Garman, 1927. Conn. St. Geol. Nat. Hist. Surv. Bull. 39: 171 (chave), 195; Needham & Heywood, 1929. Hdb. Dragfls. N. Am.: 125 (chave), 133; Byers, 1930. Univ. Fla. Publ. Biol. Sci. Ser. 36 (chave), 77; Wright & Peterson, 1944, Ohio J. Sci.: 154 (chave); Needham, 1951. Fresh-Water Biol.: 16; Walker, 1953. Odon. Canada e Alaska II: 44; Needham & Westfall, 1955. Man. Dragfls. N. Amer.: 255 (chave), 285; Smith & Pritchard, 1956. "Usinger", Aquatic Ins. Calif.: 121 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, Fresh-Water Biol.: 931 (chave).

Epiaeschna heros Fabricius, 1798

Cabot, 1881. Mem. Mus. Comp. Zool. Harv. 8(1): 30 - 31, Pl. 1, fig. 3; Needham, 1901. Bull. Ill. St. Lab. Nat. Hist. (A 1): 35, 36; Needham, 1901. Bull. N. Y. St. Mus. 47: 469, fig. 13; Evans, 1914. Mich. Geol. Biol. Surv. Publ. 20(Biol. Ser.) 4: 49; Garman, 1927. Conn. St. Geol. Nat. Hist. Surv. Bull. 39: 196; Byers, 1930. Univ. Fla. Publ. Biol. Sci. Ser. 76 (chave), 78 - 79, 36 (chave); Whitehouse, 1948. Trans. R. Canad. Inst. 27 (57), 17; Walker, 1953. Odon. Canada e Alaska II: 45 - 46, Pl. 28, fig. 4; Needham & Westfall, 1955. Man. Dragfls. N. Amer.: 286, fig. 173.

LIMNETRON Forster, 1907

Limnetron debile (Karsch, 1891) Forster, 1914

Needham, 1901. Bull. Ill. St. Lab. Nat. Hist. VI (A 1): 33 (como *Epiaeschna debilis*); Santos, 1970. Atas Soc. Biol. Rio de J. 13 (1-2): 15 - 16, 3 figs., 48.

OPLONAESCHNA Selys, 1883

Wright & Peterson, 1944. Ohio J. Sci. 156 (chave); Needham & Westfall, 1955. Man. Dragfls. N. Amer.: 255 (chave), 256, 273 - 276; Smith & Pritchard, 1956. "Usinger", Aquatic Ins. Calif.: 121 (chave); Gloyd & Wright, 1959. Edmondsons, Ward & Whipple, Fresh-Water Biol.: 931 (chave).

Oplonaeschna armata Hagen, 1861

Needham, 1903. Proc. U. S. Natn. Mus. 26: 735, il; Needham & Westfall, 1955. Dragfls. N. Am.: 274 - 276, fig. 167.

ANACTINAE

ANAX Leach, 1815

Cabot, 1881. Mem. Mus. Comp. Zool. Harv. 8(1): 13, 35; Calvert, 1893. Trans. Amer. Ent.

Soc. 20: 226; Williamson, 1900. 24 th. Ann. Rep. Ind. Dept. Geol. e Nat. Res.: 245 (chave); Needham & Hart, 1901. Bull. Ill. St. Lab. Nat. Hist. VI(1) 33 (chave); 46; Bull. N. Y. St. Mus. 47: 464 (chave); Needham, 1904. Proc. U. S. Natn. Mus. 27: 694 - 695; Rousseau, 1921. Aquat. Ins. Eur.: 116 (chave), 122 - 123; Byers, 1927. J. N. Y. Ent. Soc. 35: 65 - 66; Garman, 1927. St. Geol. Nat. Hist. Surv. Bull. 39: 171 (chave), 177; Seeman, 1927. J. Ent. Zool. 19: 23; Calvert, 1928. Univ. Iowa Stud. Nat. Hist. 12(2): 12; Needham & Heywood, 1929. Hdb. Dragfls. N. Am.: 125 (chave), 128; Byers, 1930. Univ. Fla. Publ. Biol. Sci. Ser. 1(1): 36 (chave), 79; Klots, 1932. Sc. Surv. P. Rico 14(1): 14-16 (chave); Calvert, 1934. Proc. Am. Phil. Soc. 73: 42 - 43, 46 (chave spp.); Wright & Petersen, 1944. Ohio J. Sci. 44: 154 (chave); Needham, 1951. Fresh-Water Biol.: 16, Pl. V, Fig. 7; Needham & Westfall, 1955. Man. Dragfls. N. Amer.: 255 - 256 (chave), 267 - 269 (chave sp.); Smith & Pritchard, 1956. "Usinger", Aquatic Ins. Calif.: 121 (chave); Gloyd & Wright, 1959. "Edmondson"; Ward & Whipple, Fresh-Water Biol.: 931(chave).

Anax amazili (Burmeister, 1839) Rambur, 1842

Cabot, 1881. Mem. Mus. Comp. Zool. Harv. 8(1): 17, 36, Pl. I Fig. 2 (suposição); Byers, 1927. J. N. Y. Ent. Soc. 35: 67 - 68, 69 (chave), 2, 6, 8; Calvert, 1928. Univ. Iowa Stud. Nat. Hist. 12(2): 14-15; Needham & Heywood, 1929. Hdb. Dragfls. N. Am.: 128; Klots, 1932. Sc. Surv. P. Rico 14(1): 15 (chave), 17; Calvert, 1934. Proc. Am. Phil. Soc. 73: 32-39, 46 (chave), 57 - 60, Pl. I Figs. 19 - 23, Pl. II Figs. 30 - 32, 37 - 38, Pl. IV Figs. 47-50; Garcia Diaz, 1938. J. Agric. Univ. P. Rico 22: 56, Pl. VI, Fig. 8; Wolcott, 1951. J. Agric. Univ. P. Rico 32(1): 79 - 80; Needham & Westfall, 1955. Man. Dragfls. N. Amer.: 270 (chave); Santos, 1970. Atas Soc. Biol. Riode J. 13(1-2): 48; Capítulo, 1981. Limnobiós 2(4): 207 - 214, 7 figs., 3 tabs.

Anax concolor Brauer, 1865

Geijskes, 1968. Stud. Fauna Suriname 10: 82 - 85, fig. 93b, 94c, d, 95b, 96b, 97b, 98b, 99b, e 100; Marmels, 1983. Boln. ent. Venez. N. S. 2(19): 155 (record).

Anax junius (Drury, 1773) Selys, 1850

Cabot, 1881. Mem. Mus. Comp. Zool. Harv. 8(1): 15 - 16, 36, Pl. I. Fig. 2; Evans, 1914. Mich. Geol. Biol. Surv. Publ. 20. Biol. Ser. 4: 49; Lyon, 1915. Ent. News 26: 4; Crampton, 1918. Bull. Brooklyn Ent. Soc. 13, Pl. VII, Fig. 84 (spp.); Whedon, 1918. Trans. Am. Ent. Soc. 44, Pl. XXII Figs. 5, 6 e 9, Pl. XXIII Figs. 8 - 11, 12; Garman, 1927. Conn. St. Geol. Nat. Hist. Surv. Bull. 39: 177 (chave), 178; Seeman, 1927. J. Ent. Zool. 19: 24; Byers, 1927. J. N. Y. Ent. Soc. 35: 66, 69 (chave), Figs. 3 e 4; Calvert, 1928. Univ. Iowa Stud. Nat. Hist. 12(2): 3, 12, 15, Pl. 2 Figs. 15, 17, 18; 1929. Proc. Am. Phil. Soc. 68: 234 - 244, Figs. 1 e 2, tbs. I - IV; Needham & Heywood, 1929. Hdb. Dragfls. N. Am.: 128, 130; Byers, 1930. Univ. Fla. Publ. Biol. Sci. Ser. 1(1): 79-80, 36 (chave); Santos

Klots, 1932. *Sc. Surv. P. Rico* 14(1): 16 (chave), 16 - 17; Calvert, 1934. *Proc. Am. Phil. Soc.* 73: 2 - 32, 44 - 45, 47 - 55, text-fig. A, Pl. I Figs. 1 - 14, Pl. II Figs. 26-28, 35, Pl. III Figs. 40-46; Garcia Diaz, 1938. *J. Agric. Univ. P. Rico* 22: 56-57; Wright & Shoup, 1945. *J. Tenn. Acad. Sci.* XX(3): 270 - 271; Whitehouse, 1948. *Trans. R. Canad. Inst.* 27: 21; Behre, 1950. *Occ. Pap. Marine Lab.* 6: 15; Wolcott, 1951. *J. Agric. Univ. P. Rico* 32(1): 79; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 268 (chave) 270 - 271, Fig. 165; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 121 (chave).

Anax longipes Hagen, 1861

Needham, 1904. *Proc. U. S. Natn. Mus.* 27: 695; Byers, 1927. *J. N. Y. Ent. Soc.* 35: 66, 69 (chave); Garman, 1927. *Conn. St. Geol. Nat. Hist. Surv. Bull.* 39: 177 (chave); Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 128; Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.*: 36 (chave), 81; Klots, 1932. *Sc. Surv. P. Rico* 14(1): 16 (chave); Calvert, 1934. *Proc. Am. Phil. Soc.* 73: 39 - 41, 46 (chave), Pl. I Figs. 24 - 25, Pl. II Figs. 34, 39; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 269 (chave); Geijskes, 1968. *Stud. Fauna Suriname* 10: 80 - 82, 84, Figs. 93a, 94a e b, 95a, 96a, 97a, 98a, 99a.

Anax walsinghami McLachlan, 1882

Byers, 1927. *J. N. Y. Ent. Soc.* 35: 66 - 67, Figs. 1, 5, 7; Seeman, 1927. *J. Ent. Zool.* 19: 24; Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 128; Calvert, 1934. *Proc. Am. Phil. Soc.* 73: 46 (chave); Needham & Westfall, 1955. *Man. Dragfls. N. Amer.* 269 (chave); Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 121 (chave).

GYNACANTHAGYNAE

GYNACANTHA Rambur, 1842

Cabot, 1881. *Mem. Mus. Comp. Zool. Harv.* 8(1): 11-12, 35 (chave); Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 124 (chave); Byers, 1930. *Univ. Fla. Publ.* 1(1): 36 (chave); Wright & Petersen, 1944. *Ohio J. Sci.* 154 (chave); Needham, 1951. *Fresh-Water Biol.*: 14, Pl. V Figs. 1 e 2; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.* 255, 256 (chave); Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.* 120 (chave), 123; Calvert, 1956. *Mem. Am. Ent. Soc.* 15: 191 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.*: 931 (chave).

Gynacantha gracilis (Burmeister, 1839) Kolbe, 1888

Santos, 1973. *Atas Soc. Biol. Rio de J.* 16(2-3): 55 - 57, 4 Figs. (suposição).

Gynacantha nervosa Rambur, 1842

Seeman, 1927. *J. Ent. Zool.* 19: 25, 26; Williams, 1937. *Pan. Pacif. Ent.* 13: 1, fig.; Garcia-Diaz, 1938. *J. Agric. Univ. P. Rico* 22: 25 (como *Acanthagyna*); Geijskes, 1943. *Ent. News* 44: 71; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.* 321-322, Fig.198; Smith & Pritchard, 1956. "Usinger" *Aquatic Ins. Calif.* 120 (chave), 123.

Gynacantha sp.

Cabot, 1881. *Mem. Mus. Comp. Zool. Harv.* 8(1): 12, 13, 35 (chave), Pl. III Fig. 2; Klots, 1932. *Sc. Surv. P. Rico* 14(1): 22 (como *Acanthagyna*).

NEURAESCHNA Selys, 1871

Cabot, 1881. *Mem. Mus. Comp. Zool. Harv.* 8(1): 29.

STAUROPHLEBIA Brauer, 1865

Staurophlebia bosqui Navás, 1927

Bachman, 1963. *Rev. Soc. Ent. Argent.* 26: 71 - 73, 7 figs.

Staurophlebia reticulata (Burmeister, 1839) Kirby, 1890

Needham, 1904. *Proc. U. S. Natn. Mus.* 27: 693, Pl. 39, Figs. 1 - 2; Geijskes, 1959. *Stud. Fauna Suriname* 3: 168 - 170, fig. 75.

TRICANTHAGYNA Selys, 1883

Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.* 1(1): 36 (chave), 71 - 72; Wright & Petersen, 1944. *Ohio J. Sci.* 44(4): 154 (chave); Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 255 - 256 (chave); Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 120; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.* 931 (chave).

Triacanthagyna caribbea Williamson, 1923

Santos, 1973. *Atas Soc. Biol. Rio de J.* 16(2-3): 53 - 54, 7 figs.; Machado, 1983. *Resum. X Congr. brasil. Zool.*, Belo Horizonte: 197 (ninfa em buraco de árvore).

Triacanthagyna trifida (Rambur, 1842) Selys, 1883

Seeman, 1927. *J. Ent. Zool.* 19: 25, 26 (como *Gynacantha*); Needham & Westfall, 1955. *Man.* 282

Gynacantha nervosa Rambur, 1842

Seeman, 1927. *J. Ent. Zool.* 19: 25, 26; Williams, 1937. *Pan. Pacif. Ent.* 13: 1, fig.; Garcia-Diaz, 1938. *J. Agric. Univ. P. Rico* 22: 25 (como *Acanthagyna*); Geijskes, 1943. *Ent. News* 44: 71; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.* 321-322, Fig. 198; Smith & Pritchard, 1956. "Usinger" *Aquatic Ins. Calif.* 120 (chave), 123.

Gynacantha sp.

Cabot, 1881. *Mem. Mus. Comp. Zool. Harv.* 8(1): 12, 13, 35 (chave), Pl. III Fig. 2; Klots, 1932. *Sc. Surv. P. Rico* 14(1): 22 (como *Acanthagyna*).

NEURAESCHNA Selys, 1871

Cabot, 1881. *Mem. Mus. Comp. Zool. Harv.* 8(1): 29.

STAUROPHLEBIA Brauer, 1865

Staurophlebia bosqui Navás, 1927

Bachman, 1963. *Rev. Soc. Ent. Argent.* 26: 71 - 73, 7 figs.

Staurophlebia reticulata (Burmeister, 1839) Kirby, 1890

Needham, 1904. *Proc. U. S. Natn. Mus.* 27: 693, Pl. 39, Figs. 1 - 2; Geijskes, 1959. *Stud. Fauna Suriname* 3: 168 - 170, fig. 75.

TRIACANTHAGYNA Selys, 1883

Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser. I*(1): 36 (chave), 71 - 72; Wright & Petersen, 1944. *Ohio J. Sci.* 44(4): 154 (chave); Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 255 - 256 (chave); Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 120; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.* 931 (chave).

Triacanthagyna caribbea Williamson, 1923

Santos, 1973. *Atas Soc. Biol. Rio de J.* 16(2-3): 53 - 54, 7 figs.; Machado, 1983. *Resum. X Congr. brasil. Zool.*, Belo Horizonte: 197 (ninfa em buraco de árvore).

Triacanthagyna trifida (Rambur, 1842) Selys, 1883

Seeman, 1927. *J. Ent. Zool.* 19: 25, 26 (como *Gynacantha*); Needham & Westfall, 1955. *Man.* 282

Dragfls. N. Amer.: 322, fig. 200.

AESHNIDAE: BRACHYTRINI: NEOPETALINAE

HYPOPETALIA McLachlan, 1870

Hypopetalia pestilens McLachlan, 1870

Schmidt, 1941. **Arch. Naturg. N. F.** 10(2): 250 - 253, Figs. 9, 10a, c, 12a, d, Pl. II, Figs. 3 - 5.

PHYLOPETALIA Selys, 1857

Schmidt, 1941. **Arch. Naturg. N. F.** 10(2): 253 - 256, figs. 10b, d, e, 11, 12b, c, Pl. II, Figs. 6 - 7; Needham & Bullock, 1943. **Field. Mus. N. H. Zool.** 24: 360 (chave).

GOMPHIDAE

Cabot, 1872. **Mem. Mus. Zool. Comp. Harv.** 5: 15 - 17; Hagen, 1885. **Trans. Am. Ent. Soc.** 12: 249; Calvert, 1893. **Trans. Am. Ent. Soc.** 20: 225; Needham & Hart., 1901. **Bull. Ill. St. Lab. N. H.** 6: 26, 50 - 54; Rousseau, 1909. **Ann. Biol. Lac.** 111: 6(chave), 6-8; 1921. **Aquat. Ins. Eur.:** 108 (chave), 109 - 110; Garman, 1927. **Conn. St. Geol. Nat.Hist. Surv. Bull** 39: 124; Seeman, 1927. **J. Ent. e Zool.** 19: 18; Byers, 1930. **Univ. Fla. Publ. Biol. Ser.** 1(1): 35 (chave genn.); Needham, 1944. **Trans. Am. Ent. Soc.** 69: 173 - 174 (chave genn.); Wright & Petersen, 1944. **Ohio J. Sci.** 44: 152, 154 (chave genn.); Cole, 1947. **J. Tenn. Acad. Sci.** 22: 29 (chave); Walker, 1953. **Odon. Canada e Alaska** 11:135-145; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 63, 89 - 91, 91 - 93 (chave genn.); Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 110 (chave), 114 (chave genn.); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.** 922 (chave), 926 - 929 (chave genn.); Westfall, 1978. "in Merritt & Cummins", **Aquat, Ins. N. Am.:** 85.

AGRIOGOMPHUS Selys, 1869

Needham, 1944. **Trans. Am. Ent. Soc.** 69: 172, 173 (chave).

Agriogomphus sylvicola Selys, 1869

Needham, 1944. **Trans. Am. Ent. Soc.** 69: 183-184, Pl. 14, fig. 2; Belle, 1966. **Stud. Fauna Suriname** 8(29): 36 - 38, Figs. 58 - 60; Belle, 1977. **Odonatologica** 6(4): 289.

Aqriogomphus ericae (Belle, 1966) Belle, 1970

Belle, 1966. **Stud. Fauna Suriname** 8(29): 45 - 46, Figs. 68 - 71 (como **Ischnogomphus**).

APHYLLA Selys, 1854

Needham, 1897. **Can. Ent.** 29: 168 (chave); Needham & Hart., 1901. **Bull. III. St. Lab. Nat. Hist.** 6: 53 (chave); Needham, 1940. **Trans. Am. Ent. Soc.** 65: 370 - 371; Needham, 1944. **Trans. Am. Ent. Soc.** 69: 172 - 174 (chave); Needham, 1951. **Fresh-Water Biol.**: 14, Pl. IV, Fig. 2; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 92 (chave), 93, 108, 110 (chave spp.); Smith & Pritchard, 1956. "Usinger", **Aquatic Ins Calif.**: 114 (chave) Fig. 4: 12-e; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.**: 926 (chave).

Aphylla albinensis Belle, 1970

Belle, 1970. **Stud. Fauna Suriname** 11: 50, Fig. 80 (suposição).

Aphylla caraiba Selys, 1854

Needham, 1940. **Trans. Am. Ent. Soc.** 65: 373 - 374, Figs. 3, 41, 43, 43a; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 110 (chave) 111, Fig. 50.

Aphylla dentata Belle, 1964

Belle, 1964. **Stud. Fauna Suriname** 7: 34, Fig. 14 (suposição).

Aphylla producta Selys, 1854

Hagen, 1885. **Trans. Am. Ent. Soc.** 12: 277 - 278; Needham & Hart, 1901. **Bull. III. St. Lab. Nat. Hist.** 6: 54, Calvert, 1914. **Ent. News** 25: 454 - 455; Needham, 1944. **Trans. Am. Ent. Soc.** 69: 193 - 194, Pl. 14, Figs. 7a e 7b; Pl. 15, Fig. 7c (suposição); Belle, 1964. **Stud. Fauna Suriname** 7: 33, Fig. 11 (suposição).

Aphylla protracta Selys, 1859

Needham, 1940. **Trans. Am. Ent. Soc.** 65: 372 - 373, Figs. 12 e 22 (suposição); Needham & Westfall, 1955. **Man. Dragfls. N. Amer.**: 110 (chave).

Aphylla simulata Belle, 1964

Belle, 1964. **Stud. Fauna Suriname** 7: 34, Figs. 12 - 13 (suposição).

Aphylla sp. 3

Needham, 1940. *Trans. Am. Ent. Soc.* 65: 374 - 375, Fig. 26.

Aphylla sp. 4

Needham, 1940. *Trans. Am. Ent. Soc.* 65: 375, Figs. 13, 17, 18.

Aphylla sp. 5

Needham, 1940. *Trans. Am. Ent. Soc.* 65: 375, Fig. 16.

Aphylla sp. 6

Needham, 1940. *Trans. Am. Ent. Soc.* 65: 376, Fig. 11.

Aphylla sp. 7

Calvert, 1948. *Bolm. Mus. Nac. Rio de J. (N.S.) Zool.* 87: 11 - 12; Marmels, 1983. *Boln. ent. venezol. N. S.* 2(19): 155 (record).

ARCHAEOGOMPHUS Williamson, 1919

Needham, 1944. *Trans. Am. Ent. Soc.* 69: 172, 173 (chave).

Archaeogomphus nanus Needham, 1944

Needham, 1940. *Trans. Am. Ent. Soc.* 65: 386 - 387, Figs. 33 - 36 (como *Archaeogomphus* sp., suposição); Belle, 1970. *Stud. Fauna Suriname* 11: 5 - 7, Figs. 1 - 5; 1977. *Odonatologica* 6(4): 290.

CACOIDES Cowley, 1934

Needham, 1944. *Trans. Am. Ent. Soc.* 69: 172 - 173 (chave, como *Cacus*).

Cacoides latro (Erichson, 1848) Cowley, 1934

Belle, 1970. *Stud. Fauna Suriname* 11: 36 - 39, Figs. 60 - 64; Belle, 1977. *Odonatologica* VI(4): 290; Marmels, 1983. *Boln. ent. venezol. N. S.* 2(19): 155 (record).

CYANOATOMPHUS Selys, 1873.

Needham, 1944. *Trans. Am. Ent. Soc.* 69: 172, 173 (chave).

Cyanogomphus conchinus Williamson, 1916

Belle, 1966. *Stud. Fauna Suriname* 8: 58 - 59, Figs. 88 - 90 (como *Ebegomphus conchinus*) (suposição).

Cyanogomphus demerarae Selys, 1894

Needham, 1944. *Trans. Am. Ent. Soc.* 44: 188 Pl. 14, Fig. 4a (como *Ebegomphus strumens*); Belle, 1966. *Stud. Fauna Suriname* 8: 69, Fig. 91 (como *Ebegomphus demerarae*); Belle, 1970. *Stud. Fauna Suriname* 11: 30; Belle, 1977. *Odonatologica* VI(4): 290.

Cyanogomphus minutus Belle, 1970

Belle, 1970. *Stud. Fauna Suriname* 11: 23, 27, Fig. 47 (suposição); Belle, 1977. *Odonatologica* VI(4): 290.

Cyanogomphus noval Capítulo, R., 1984

Capítulo, R., 1984. *Rev. Soc. ent. Argent.* 43: 332 - 335, Figs. 10 - 14.

Cyanogomphus waltheri, 1873

Needham, 1940. *Trans. Am. Ent. Soc.* 65: 382 - 384, Figs. 27 - 29.

Cyanogomphus sp.

Needham, 1940. *Trans. Am. Ent. Soc.* 65: 384, Fig. 32.

Cyanogomphus sp.

Needham, 1944. *Trans. Am. Ent. Soc.* 44: 190 - 191 (suposição); Belle, 1966. *Stud. Fauna Suriname* 8: 56 - 58 (como *Ebegomphus*).

DESMOGOMPHUS Williamson, 1920

Belle, 1970. *Stud. Fauna Suriname* 11: 33 - 36.

Desmogomphus tigrivensis Williamson, 1920

Needham, 1941. **Trans. Am. Ent. Soc.** 67: 242 - 243, Pl. XX, Fig. 16; Belle, 1970. **Stud. Fauna Suriname** 11: 33 - 36, Figs. 53 - 59; Belle, 1977. **Odonatologica** VI(4): 290, Fig 1.

EPIGOMPHUS Selys, 1854

Hagen, 1885. **Trans. Am. Ent. Soc.** 12: 272; Needham, 1940. **Trans. Am. Ent. Soc.** 65: 172, 173 (chave).

Epigomphus paludosus Selys, 1854

Martins, 1968. **Atas Soc. Biol. Rio de J.** 11(4): 157 - 158, 5 figs.

Epigomphus sp.

Needham, 1940. **Trans. Am. Ent. Soc.** 65: 385, Figs. 30 - 31.

ERPETOGOMPHUS, Selys, 1857

Cabot, 1872. **Mem. Mus. Comp. Zool. Harv.** 5: 1 - 2, 15, Pl. I, Figs. 2b e c (suposição); Hagen, 1885. **Trans. Am. Ent. Soc.** 12: 255; Needham, 1897. **Can. Ent.** 29: 168; Needham & Hart, 1901. **Bull. Ill. St. Lab. Nat. Hist.** 6: 57-58 e 53; Seeman, 1927. **J. Ent. Zool.** 19: 19; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 61 (chave); Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 35 (chave): 52, 53; Wright & Petersen, 1944. **Ohio J. Sci.** 44(4): 152 (chave); Needham, 1951. **Fresh-Water Biol.** 14, Pl. IV, Fig. 4; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 92 (chave) 93; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.** 114 (chave) Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.:** 928 (chave).

Erpetogomphus compositus Selys, 1857

Hagen, 1885. **Trans. Am. Ent. Soc.** 12: 256 - 257; Seeman, 1927. **J. Ent. Zool.** 19: 22; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 142 (chave); Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 116 (chave).

Erpetogomphus designatus Selys, 1857

Hagen, 1885. **Trans. Am. Ent. Soc.** 12: 255 - 256; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 142 (chave), 146.

Erpetogomphus menetriesii (Selys, 1854) Selys, 1878

Hagen, 1885. *Trans. Am. Ent. Soc.* 12: 256.

GOMPHOIDES Selys, 1854

Cabot, 1872. *Mem. Mus. Comp. Zool. Harv.* V: 16 (chave); Hagen, 1885. *Trans. Am. Ent. Soc.* 12: 249, 271. Needham & Westfall, 1929. *Hdb Dragfls. N. Am.*: 61 (chave); Needham, 1944. *Trans. Am. Ent. Soc.* 69: 172, 173 (chave); Needham & Westfall, 1955. *Dragfls. N. Am.*: 92(chave), 93(tab.); Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 114(chave).

Gomphoides infumata (Rambur, 1842) Selys, 1854

Cabot, 1872. *Mem. Mus. Zool. Comp. Harv.* 5: 1-2, 15, Pl. 1, Figs. 2b e 2c (como *Herpetogomphus* species); Hagen, 1885. *Trans. Am. Ent. Soc.* 12: 272 - 273 (como *Epigomphus paludosus*); Needham, 1911. *Ent. News* 22: 393, Pl. 14, Fig. 1 (ninfa n^o 1 de Cabot (1872); Needham, 1940. *Trans. Am. Ent. Soc.* 65: 368.

Gomphoides sp. n^o 5

Needham, 1940. *Trans. Am. Ent. Soc.* 65: 370.

Gomphoides sp. n^o 10

Cabot, 1872. *Mem. Mus. Comp. Zool. Harv.* 5: 8, 16, Pl. 1, Fig. 5; Hagen, 1885. *Trans. Am. Ent. Soc.* 12: 276 - 277.

Gomphoides sp. n^o 11

Cabot, 1872. *Mem. Mus. Comp. Zool. Harv.* 5: 9, 16; Hagen, 1885. *Trans. Am. Ent. Soc.* 12: 277; Needham, 1911. *Ent. News.* 22: Pl. 14, Fig. 4.

Gomphoides sp.

Needham, 1911. *Ent. News* 22: 393, Pl. 14, Fig. 2.

Gomphoides sp.

Needham, 1911. *Ent. News* 22: 395, Pl. 14, Fig. 5.

MELANOCACUS Belle, 1986

Melanocacus mungo (Needham, 1940) Belle, 1986

Needham, 1944. *Trans. Am. Ent. Soc.* 69: 191 - 193, Pl. 14, Figs. 5a e 5b, (como *Cacus mungo*) (suposição); Belle, 1970. *Stud. Fauna Suriname* 11: 40 - 41, Figs. 65-68; Belle, 1977. *Odonatologica* VI(4): 290 (como *Cacoides*).

MITRAGOMPHUS Needham, 1944

Mitragomphus sp.

Belle, 1977. *Odonatologica* VI(4): 290 (suposição).

NEOGOMPHUS Selys, 1857

Needham & Bullock, 1943. *Field. Mus. N. H. Zool.* 24: 360 (chave).

Neogomphus bidens Selys, 1878

Needham & Bullock, 1943. *Field. Mus. N. H. Zool.* 24: 367, Fig. 30, nº 6 - 7.

Neogomphus molestus (Selys, 1854) Kirby, 1890

Needham & Bullock, 1943. *Field Mus. N. H. Zool.* 24: 360 (chave), 366 - 367.

OCTOGOMPHUS Selys, 1873

Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 61 (chave), 121; Needham & Westfall, 1955. *Dragfls. N. Am.*: 92 (chave), 93; Smith & Pritchard, 1956. "Usinger", *Aquat. Ins. Calif.* 114 (chave), 115.

Octogomphus specularis (Selys, 1859) Selys, 1873

Kennedy, 1917. *Proc. U. S. Nat. Mus.* 52: 579 - 581, figs. 342 - 352; Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 121; Needham & Westfall, 1955. *Dragfls. N. Am.*: 163, Fig. 87; Smith & Pritchard, 1956. "Usinger" *Aquat. Ins. Calif.*: 115, Fig. 4: 10-n, Fig. 4: 11-d.

PHYLLOCYCLA Calvert, 1948

Needham, 1943. *Trans. Am. Ent. Soc.* 69: 174 (chave) (como *Cyclophylla*); Smith & Pritchard, 1956. "Usinger" *Aquatic Ins. Calif.*: 114 (chave).

Phyllogomphoides fuliginosus (Selys, 1854) Belle, 1970

Needham, 1944. *Trans. Am. Ent. Soc.* 69: 197 - 199, Pl. 15, Fig. 8e (como **Gomphoides**) su posição; Belle, 1970. *Stud. Fauna Suriname* 11: 114 - 115, Figs. 173 - 175, 181; Belle, 1977. *Odonatologica* VI(4): 291.

Phyllogomphoides stigmatus (Say, 1839) Gloyd, 1973

Needham, 1904. *Proc. U. S. Natn. Mus.* 27: 687 - 688, Pl. 38, Fig. 1; Needham, 1940. *Trans. Am. Ent. Soc.* 65: 368, Figs. 2, 5, 39, 49, 50 (como **Gomphoides**); Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 104 (chave, como **Gomphoides**).

Phyllogomphoides undulatus (Needham, 1944) Gloyd, 1973

Belle, 1970. *Stud. Fauna Suriname* 11: 132 - 133, Figs. 214 - 217 (suposição, como **Gomphoides**); Belle, 1977. *Odonatologica* VI(4): 291.

PROGOMPHUS

Cabot, 1872. *Mem. Mus. Comp. Zool. Harv.* V: 16 (chave); Hagen, 1885. *Trans. Am. Ent. Soc.* 12: 249, 274; Needham, 1897. *Can. Ent.* 29: 168 (chave); Needham & Hart, 1901. *Bull. Ill. St. Lab. N. H.* 6: 53 (chave); Garman, 1927. *Conn. St. Geol. Nat. Hist. Bull.* 39: 125 (chave); Seeman, 1927. *J. Ent. Zool.* 19: 19; Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.* 61 (chave); Byers, 1939. *Proc. Fla. Acad. Sci.* 40: 56 - 59 (chave); Needham, 1941. *Trans. Am. Ent. Soc.* 67: 221 - 222, 238 - 242; Needham, 1943. *Trans. Am. Ent. Soc.* 69: 174 (chave); Wright & Peterson, 1944. *Ohio J. Sci.* 152 (chave); 44 (nº 4): 153 Est. 3E (chave); Needham, 1951. *Fresh-Water Biol.*: 14, Pl. IV, Fig. 8; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 92 (chave), 93; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.* 114 (chave) Figs. 4: 11e, Fig. 4: 12j; Gloyd & Wright, 1959. "Edmondson", *Ward & Whipple, Fresh-Water Biol.* 927, Figs. 34 - 32 e 63.

Progomphus abbreviatus Belle, 1973

Marmels, 1981. *Odonatologica* 10(2): 147 - 149, Fig. 1 (a, b, c).

Progomphus alachuensis Byers, 1940

Byers, 1939. *Proc. Fla. Acad. Sci.* 4: 64 - 66, 68; Needham, 1941. *Trans. Am. Ent. Soc.* 67, 234, 241.

Progomphus borealis Byers, 1940

Hagen, 1885. *Trans. Am. Ent. Soc.* 12: 275 - 276 (como **Progomphus** sp. nº 32); Kennedy, 290

Phyllocycla sp. nº 2

Needham, 1940. **Trans. Am. Ent. Soc.** 65: 377. (como **Cyclophylla**).

Phyllocycla sp. nº 5

Needham, 1940. **Trans. Am. Ent. Soc.** 65: 378, 379, Figs. 6, 21 (como **Cyclophylla**).

Phyllocycla sp. nº 6

Needham, 1940. **Trans. Am. Ent. Soc.** 65: 379, 380, Figs. 24, 25 (como **Cyclophylla**).

Phyllocycla sp.

Santos, 1970. **Atas Soc. Biol. Rio de J.** 14(3-4): 49.

PHYLLOGOMPHOIDES Belle, 1970

Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** Pl. 1(1): 35 (chave como **Gomphoides**), 45, 46, 48; Needham, 1944. **Trans. Am. Ent. Soc.** 69: 172, 173 (chave como **Gomphoides**)(pars); Wright & Peterson, 1944. **Ohio J. Sci.** 44: 154 (chave como **Gomphoides**); Needham, 1955. **Man. Dragfls. N. Amer.** 92, 93 (chave como **Gomphoides**); Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.** 114 (como **Gomphoides**); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.**: 928 (como **Gomphoides**).

Phyllogomphoides andromeda (Belle, 1970) Gloyd, 1973

Belle, 1970. **Stud. Fauna Suriname** 11: 149 - 150, Figs. 244 - 247 (como **Neogomphoides andromeda**).

Phyllogomphoides audax (Selys, 1854) Belle, 1970

Belle, 1970. **Stud. Fauna Suriname** 11: 116 - 118, Figs. 182 - 185.

Phyllogomphoides bifasciatus (Selys, 1878) Gloyd, 1973

Needham, 1940. **Trans. Am. Ent. Soc.** 65: 369, Figs. 10, 20 (suposição como **Gomphoides**); Needham, 1943. **Boln. ent. venezol.** 2: 206 (notas, como **Gomphoides**).

Phyllogomphoides cristatus (Needham, 1944)

Belle, 1970. **Stud. Fauna Suriname** 11: 129 - 130, Figs. 208-210 (como **Neogomphoides**).

Phyllocycla argentina (Hagen in Selys, 1878)

Capítulo, 1983. *Rev. Soc. ent. Argentina* 42(1-4): 267 - 271, 6 figs.

Phyllocycla elongata (Selys, 1857)

Needham, 1940. *Trans. Am. Ent. Soc.* 65: 377 - 378, Fig. 9 (como **Cyclophylla**) (suposição); Needham, 1943. *Bolm. Ent. Venez.* 2, nº 4: 206 (como **Cyclophylla**).

Phyllocycla gladiata (Selys, 1854)

Santos, 1970. *Atas Soc. Biol. Rio de J.* 13(3-4): 115 (ref. sem descrição). (**imago eclo-dido**).

Phyllocycla modesta Belle, 1970

Belle, 1970. *Stud. Fauna Suriname* 11: 74, Fig. 111; Belle, 1977. *Odonatologica* VI (4): 291.

Phyllocycla neotropica Belle, 1970

Belle, 1970. *Stud. Fauna Suriname* 11: 99 - 100, 153.

Phyllocycla ophis (Selys, 1869)

Belle, 1970. *Stud. Fauna Suriname* 11: 90 - 91, Fig. 139 (suposição); Belle, 1977. *Odonatologica* VI (4): 290.

Phyllocycla pachystila (Needham, 1944)

Needham, 1943. *Trans. Am. Ent. Soc.* 69: 207, Pl. 15, Fig. 12.

Phyllocycla viridipleura (Calvert, 1909)

Needham, 1940. *Trans. Am. Ent. Soc.* 65: 378, Fig. 8 (suposição).

Phyllocycla volsella (Calvert, 1905)

Needham, 1940. *Trans. Am. Ent. Soc.* 65: 376 - 377, Figs. 1, 4, 7, 19, 40, 44.

1917. *Proc. U. S. Natn. Mus.* 52: 524 - 529, Figs. 155 - 163; 1921. *Proc. U. S. Natn. Mus.* 59: 595, il.; Byers, 1940. *Proc. Fla. Acad. Sci.* 4: 58 (chave), 63,64,68; Needham, 1941. *Trans. Am. Ent. Soc.* 67: 234, 241; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.* 93, 96 (chave).

Progomphus brachyonemis Needham, 1944

Needham, 1943. *Trans. Am. Ent. Soc.* 69: 210 - 211, Pl. 13, Fig 13a; Belle, 1966. *Stud. Fauna Suriname* 8: 1, 2, 6, 7, Figs. 10 - 11; Belle, 1977. *Odonatologica* VI(4): 291-292.

Progomphus clendoni Calvert, 1905

Needham, 1941. *Trans. Am. Ent. Soc.* 67: 235, Pl. 20, Fig. 10; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.* 96 (chave).

Progomphus complicatus Selys, 1854

Santos, 1968. *Atas Soc. Biol. Rio de J.* 11(5): 171 - 174, 5 figs.; Santos, 1970. *Atas Soc. Biol. R. de J.* 13 (3-4): 115.

Progomphus conjectus Belle, 1966

Belle, 1977. *Odonatologica* VI(4): 292.

Progomphus geijskesi Needham, 1944

Belle, 1972. *Odonatologica* I(2): 113 - 116, 5 figs.; 1973. *Odonatologica* II(4):297-299, Figs. 328 - 332 (suposição); 1977. *Odonatologica* VI(4): 292.

Progomphus guvanensis Belle, 1966

Belle, 1966. *Stud. Fauna Suriname* 8: 20, 27 - 28 Figs. 41 - 43; 1977. *Odonatologica* VI (4): 292.

Progomphus integer Selys, 1878

Byers, 1939. *Proc. Fla. Acad. Sci.* 4: 59 (chave), 68; Needham, 1941. *Trans. Am. Ent. Soc.* 67: 222 - 225, 234, 241 Pl. 20, Fig. 4; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.:* 96 (chave).

Progomphus intricatus Selys, 1857

Marmels, 1983. *BoIn. ent. venezol. N. S.* 2(19): 155 (record).

Progomphus lepidus Ris, 1912

Needham, 1941. **Trans. Am. Ent. Soc.** 67: 232 - 233, 234, 241 Pl. 20, Fig. 7 (suposição).

Progomphus longistigma Ris, 1918

Needham, 1941. **Trans. Am. Ent. Soc.** 67: 231 - 232, 234, 241 Pl. 20, Fig. 8.

Progomphus obscurus (Rambur, 1842) Selys, 1854

Cabot, 1872. **Mem. Mus. Comp. Zool. Harv.** V: 6 - 7, Pl. 11, Fig. 3, a, b, c, nº 9; Hagen, 1885. **Trans. Am. Ent. Soc.** 12: 274 - 275; Needham, 1897. **Can. Ent.** 29: 184; Needham & Hart, 1901. **Bull. Ill. St. Lab. N. H.** 6(1): 55 - 56; Evans, 1914. **Mich. Geol. Biol. Surv. Publ.** 20; **Biol. Ser.** 4: 47; Kennedy, 1921. **Proc. U. S. Nat. Mus.** 59: 595-598, Pl. 15, Figs. 1 - 7; Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 125; Seeman, 1927. **J. Ent. Zool.** 19: 19; Byers, 1930. **Univ. Fla. Publ. Biol. Ser.** 1(1): 49 - 50, 35 (chave); 1939. **Proc. Fla. Acad. Sci.** 4: 59 (chave), 59 - 63, 67, Fig. 1; Wright & Shoup, 1945. **J. Tenn. Acad. Sci.** XX(3): 270; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 96: (chave), Fig. 43.

Progomphus serenus Selys, 1878

Needham, 1941. **Trans. Am. Ent. Soc.** 67: 225 - 230, 241, Pl. 20, Fig. 5; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 96: (chave).

Progomphus tibialis Needham, 1973

Needham, 1944. **Trans. Am. Ent. Soc.** 69: 185 Pl. 14, Fig. 3 (como **Cyanogomphus** sp.); Belle, 1966. **Stud. Fauna Suriname** 8: 60 (como **Cyanogomphus demerarae** ?); Belle, 1973. **Odonatologica** 11(4): 244 - 246, Figs. 144 - 149; Belle, 1977. **Odonatologica** VI(4): 292.

Progomphus williamsi Needham, 1943

Needham, 1943. **BoIn. ent. venezol.** 2: 202.

Progomphus zephyrus Needham, 1941

Needham, 1941. **Trans. Am. Ent. Soc.** 67: 230 - 231, 234, 241; Pl. 20, Fig. 6; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 96 (chave).

Progomphus zonatus Selys, 1854

Needham, 1941. **Trans. Am. Ent. Soc.** 67: 234 - 235, 241, Pl. 20, Fig. 9.

Progomphus sp.

Cabot, 1872. *Mem. Mus. Comp. Zool. Harv.* V. 7; Hagen, 1885. *Trans. Am. Ent. Soc.* 12:275-276.

Progomphus sp. n^o 11

Needham, 1941. *Trans. Am. Ent. Soc.* 67: 235 - 236, 241, Pl. 20, Fig. 11.

Progomphus sp. n^o 12

Needham, 1941. *Trans. Am. Ent. Soc.* 67: 236, 241, Pl. 20, Fig. 12.

Progomphus sp. n^o 13

Needham, 1941. *Trans. Am. Ent. Soc.* 67: 236, 241, Pl. 20, Fig. 13.

Progomphus sp. n^o 14

Needham, 1941. *Trans. Am. Ent. Soc.* 67: 236 - 237, 241, Pl. 20, Fig. 14.

Progomphus sp. n^o 15

Needham, 1941. *Trans. Am. Ent. Soc.* 67: 237 - 238, 241, Pl. 20, Fig. 15.

Progomphus sp.

Needham, 1943. *Boln. ent. venezol.* 2: 198 (sem descrição).

Progomphus sp.

Belle, 1966. *Stud. Fauna Suriname* 8: 14 - 16, Figs. 29 - 31.

ZONOPHORA Selys, 1854

Needham, 1943. *Trans. Am. Ent. Soc.* 69: 173 (chave).

Zonophora batesi Selys, 1869

Belle, 1966. *Stud. Fauna Suriname* 8: 62 - 64, Figs. 95 - 96, Pl. XIb; Belle, 1977. *Odonatologica* VI(4): 292.

Zonophora callipus Selys, 1854

Belle, 1966. *Stud. Fauna Suriname* 8: 64, Figs. 97 - 98, Pl. XIb.

Zonophora sp.

Needham, 1943. *Trans. Am. Ent. Soc.* 69: 221 - 22, Pl. 16, Figs. 20a e 20b.

PETALURIDAE

Needham, 1901. *Bull. N. Y. St. Mus.* 47: 434 (chave); Needham & Hart, 1901. *Bull. Ill. St. Lab. N. H.* VI(1): 25 - 27; Garman, 1927. *Conn. St. Geol. Nat. Hist. Surv. Bull.* 39: 115 (chave); Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.* 1(1): 35 (chave), 42; Wright & Peterson, 1944. *Ohio J. Sci.* 44: 152 (chave); Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 65 (chave), 66, 68 - 69; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 110 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.*: 922 (chave), 929 - 930; Westfall, 1978. "in Merritt & Cummins", *Aquat. Ins. N. Am.*: 88.

PHENES Rambur, 1842

Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.* 1(1): 35 (chave), 42; Needham & Bullock, 1943. *Field. Mus. N. H. Zool.* 24, 360 (chave).

Phenes raptor Rambur, 1842

Semidt, 1941. *Arch. Naturg. N. F.* 10(2): 233 - 235, Fig. 2; Needham & Bullock, 1943. *Field Mus. N. H. Zool.* 24: 360 (chave), 361 - 364, Figs. 29, 30 (1e 2); Wolfe, 1953. *Trans. R. Soc. N. Z.* 80: 274 (chave); Svihla, 1959. *Trans. Am. Ent. Soc.* 85: 219 - 232 (chave).

CORDULEGASTEROIDEA: COROULEGASTERIDAE

Hagen, 1885. *Trans. Am. Ent. Soc.* 12: 286 - 287; Needham, 1901. *Bull. N. Y. St. Mus.* 47: 434 (chave), 473 - 474; Rousseau, 1909. *Ann. Biol. Lac.* 111: 305 (chave), 319-321; Rousseau, 1921. *Aquat. Ins. Eur.*: 108 (chave); Garman, 1927. *Conn. St. Geol. Nat. Hist. Surv. Bull.* 39: 115 (chave); Seeman, 1927. *J. Ent. Zool.* 19: 18; Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.* 1(1): 35 (chave), 82; Wright & Peterson, 1944. *Ohio J. Sci.* 44: 152 (chave); Walker, 1953. *Odon. Canada e Alaska* 11: 289 - 290; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 75 - 76; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.* 110 (chave); Gloyd & Wright, 1959. "Edmondson", Ward e Whipple, *Fresh-Water Biol.*: 292 (chave), 934.

CORDULEGASTER Leach, 1815

Cabot, 1872. *Mem. Mus. Comp. Zool. Harv.* 5: 12, 17; Hagen, 1885. *Trans. Am. Ent. Soc.* 12: 287; Calvert, 1893. *Trans. Am. Ent. Soc.* 20: 226 (chave); Williamson, 1900. *24th Ann. Rep. Ind. Dept. Geol. e Nat. Res.*: 245; Needham & Hart, 1901. *Bull. Ill. St. Lab. N. H.* 26; Rousseau, 1909. *Ann. Biol. Lac* 111: 321; Rousseau, 1921. *Aquat. Ins. Eur.* 108 (chave); Garman, 1927. *Conn. St. Geol. Nat. Hist. Bull.* 39: 118; Needham, 1951. *Fresh-Water Biol.* 16, Pl. IV, Fig. 3; Walker, 1953. *Odon. Canada e Alaska* 11: 285; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 76 - 77, 79; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 112; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.*: 934.

Cordulegaster diadema Selys, 1868

Needham, 1904. *Proc. U. S. Natn. Mus.* 27: 697, text. Fig. 1; Kennedy, 1917. *Proc. U. S. Natn. Mus.* 52: 523, Fig. 147; Seeman, 1927. *J. Ent. Zool.* 19: 26, 27; Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 155 (chave), 156; Needham, 1940. *Proc. U. S. Natn. Mus.* 27: 697, Fig. 1; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.* 78, 79 (chave), 81; Smith & Pritchard, 1956. "Usinger" *Aquatic Ins. Calif.*: 114, Fig. 4: 11-h.

Cordulegaster diastatops (Selys, 1854) Hagen, 1885

Hagen, 1885. *Trans. Am. Ent. Soc.* 12: 290 (suposição); Needham, 1901. *Bull. N. Y. St. Mus.* 47: 477 - 478; Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 154 (chave), 155; Whitehouse, 1948. *Trans. R. Canad. Inst.* 27: 29; Walker, 1953. *Odon. Canada e Alaska* 11: 299; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 81 (chave).

LIBELLULOIDEA: CORDULIIDAE

Cabot, 1890. *Mem. Mus. Comp. Zool. Harv.* 17(1): 11 - 14, 37 (como legião *Macromia*); 23, 39 (como legião *Cordulia*); Needham, 1901. *Bull. N. Y. St. Mus.* 47: 480 (chave); Rousseau, 1909. *Ann. Biol. Lac.* 111: 321 - 323; Garman, 1927. *Conn. St. Geol. Nat. Hist. Bull.* 39: 19 (chave); Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.* 1(1): 91, 96; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 66; Gloyd & Westfall, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.*: 922 (como *Macromiidae*, *Corduliinae*); Westfall, 1978. "in Merritt & Cummins", *Aquat. Ins. N. Am.*: 88.

AESCHNOSOMA Selys, 1870

Aeschnosoma auripennis Geijskes, 1970

Geijskes, 1970. *Stud. Fauna Suriname* XII(44): 29, 31 - 32, Figs. 34 - 36, 38.

Aeschnosoma forcipula Selys, 1871

Geijskes, 1970. **Stud. Fauna Suriname** XII (44): 29 - 31, Figs. 28 - 33, 37.

MACROMIA Needham, 1901

Cabot, 1890. **Mem. Mus. Comp. Zool. Harv.** 17, 1: 11 - 14, 37; Calvert, 1893. **Trans. Am. Ent. Soc.** 20: 226 (chave); Needham, 1901. **Bull. N. Y. St. Mus.** 47: 481 (chave); Garman, 1927. **Conn. St. Geol. Nat. Hist. Bull.** 39: 201 (chave); Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 328 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.:** 934 (chave).

Macromia caderita Needham, 1950

Cabot, 1890. **Mem. Mus. Comp. Zool. Harv.** 17(1): 20 - 21, Pl. III, Fig. 1 (**Macromia** sp.); Needham, 1950. **Trans. Am. Ent. Soc.** 76: 10 - 12, Pl. 1, Fig. 6; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 338.

RIALLA Navás, 1915

Needham & Bullock, 1943. **Field. Mus. N. H. Zool.** 24: 360 (chave como *Anticordulia*).

Rialla villosa (Rambur, 1842) Geijskes, 1970

Needham & Bullock, 1943. **Field. Mus. N. H. Zool.** 24: 367 - 370, Figs. 8 e 9 (como *Anticordulia*); Schmidt, 1951. **Ent. News** 62: 273 - 275, Fig. 3 (como *Paracordulia tomentosa*); Herrera, Etcheverry & Carrasco, 1956. **Rev. Univ. Católica de Chile:** 40 - 41 (nº 1); 68, Figs. 14 - 19.

LIBELLULIDAE

Needham, 1901. **Bull. N. Y. St. Mus.** 47: 432 (chave), 508 (chave); Rousseau, 1909. **Ann. Biol. Lac.** III: 328 - 330; Rousseau, 1921. **Aquat. Ins. Eur.:** 108; Cole, 1947. **J. Tenn. Acad. Sci.** 22: 29 (chave); Garman, 1927. **Conn St. Geol. Nat. Hist. Bull.** 39: 115 (chave), 199; Seeman, 1927. **J. Ent. Zool.** 19: 18; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 21 (chave); Klots, 1932. **Sc. Surv. P. Rico** 14(1): 12 - 13 (chave) Wright & Peterson, 1944. **Ohio J. Sci.** 44: 152, 156 (chave); Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 65 - 67, (chave), 424; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.** 110 (chave); Gloyd & Wright, 1959. "Edmondson", Ward e Whipple, **Fresh-Water Biol.:** 922 (chave) Westfall "in Merrit & Cummins", **Aquat. Ins. N. Am.:** 88.

ANATYA Kirby, 1889

Anatya januaría Ris, 1911

Santos, 1973. **Atas Soc. Biol.** Rio de J. 16(2-3): 67 - 69, 6 figs.

BRACHYMESIA Kirby, 1889

Klots, 1932. **Sc. Surv. P. Rico** 14(1): 50 - 51, Pl. IV, Fog. 1; Geijskes, 1934. **Inst. Rev. Ges. Hydrobiol.** 31: 297 - 299; Byers, 1936. **Ent. News** 47: 61; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 431 (chave), 432, 558; Smith & Pritchard, 1956. **'Usinger', Aquatic Ins. Calif.:** 125 (chave).

Brachymesia furcata (Hagen, 1861) Kirby, 1889

Geijskes, 1934. **Inst. Rev. Ges. Hydrobiol.** 31: 299 - 302, Figs. 3-7; Garcia-Diaz, 1938. **J. Agric. Univ. P. Rico** 22: 72 - 74, Pl. VI, Figs. 1, 3, 5 (suposição); Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 559, Fig. 317.

Brachymesia sp.

Calvert, 1948. **Boln. Mus. Nac.** Rio de J. (N.S.) **Zool.** 87: 19 - 20, Figs 10 - 17; Gloyd & Wright, 1959. **'Edmondson', Ward & Whipple, Fresh-Water Biol.** 937.

BRECHMORHOGA Kirby, 1894

Needham & Fisher, 1936. **Trans. Am. Ent. Soc.** 62: 114 (chave), 115; Wright & Peterson, 1944. **Ohio J. Sci.** 44: 157 (chave); Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 431 (chave), 432, 580; Smith & Pritchard, 1956. **'Usinger', Aquatic. Ins. Calif.:** 125(chave), 135; Gloyd & Wright, 1959. **'Edmondson', Ward & Whipple, Fresh-Water Biol.:** 936.

Brechmorhoga mendax (Hagen, 1861) Calvert, 1898

Needham & Fisher, 1936. **Trans. Am. Ent. Soc.** 36: 112 - 113 (suposição); Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 58, Fig. 329; Smith & Pritchard, 1956. **'Usinger', Aquatic Ins. Calif.:** 135.

Brechmorhoga nubecula (Rambur, 1842) Calvert, 1898

Santos, 1969. **Atas Soc. Biol.** Rio de J. 19(4): 221 - 223, 5 figs. (suposição).

Brechmorhoga rapax Calvert, 1898

Marmels, 1982. *Boln. ent. venezol.* N.S. 2(11): 98 - 100, Figs. 16 - 19.

Brechmorhoga vivax Calvert, 1906

Marmels, 1982. *Boln. ent. venezol.* N.S. 2(11): 96-98, Figs. 11 - 15.

CANNACRIA Kirby, 1889

Needham & Fischer, 1936. *Trans. Am. Ent. Soc.* 62: 113 (chave), 115; Wright & Peterson, 1944. *Ohio. J. Sci.* 44: 157 (chave); Needham & Westfall, 1955. *Man. Dragfls.N.Amer.* 431 (chave), 432, 561; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 125(chave), Fig. 4: 13-e; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.* 937, Fig. 34 - 78.

Cannacria gravida (Calvert, 1890) Calvert, 1894

Byers, 1936. *Ent. News* 47: 35 - 37, Figs.; Needham & Fischer, 1936. *Trans.Am. Ent. Soc.* 62: 111 - 112, Pl. VI, Fig. 4, Pl. VII, Fig. 8; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.* 563, Fig. 319.

Cannacria herbida Gundlach, 1889

Garcia-Diaz, 1938. *J. Agric. Univ. P. Rico* 22: 58, 74, Pl. VI, Figs. 2, 4, 6,; Wolcott, 1951. *J. Agric. Univ. P. Rico* 32(1): 82; Needham & Westfall, 1955. *Man.Dragfls. N. Amer.* 563.

CELITHEMIS Hagen, 1861

Needham, 1901. *Bull. N. Y. St. Mus.* 47: 508 (chave); Garman, 1927. *Conn. St. Geol. Nat. Hist. Surv. Bull.* 39: 261 (chave), 284; Needham & Heywood, 1929. *Hdb. Dragfls.N.Am.*:203 (chave), 207 - 208; Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.* 1(1):37(chave);Klots, 1932. *Sc. Surv. P. Rico* 14(1): 27 (chave); Needham & Fischer, 1936. *Trans. Am.Ent. Soc.* 62: 114 (chave), 115; Byers, 1936. *Ent. News* 47: 62; Wright & Peterson, 1944. *Ohio J. Sci.* 44: 157 (chave); Needham, 1951. *Fresh-Water Biol.*: 16, Pl. VI, Fig. 10; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 431 (chave) 432, 449; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 125 (chave), Fig. 4: 10-j; Gloyd & Wright, 1959."Edmondson"; Ward & Whipple, *Fresh-Water Biol.*:937, Figs. 34 - 79.

Celithemis eponina (Drury, 1773) Hagen, 1861

Needham, 1901. **Bull. N. Y. St. Mus.** 47: 514 (chave); Evans, 1914. **Mich.Geol.Biol.Surv. Publ.** 20, **Biol. Ser.** 4: 52; Garman, 1927; **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39:285 (chave), 287; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 208; Byers, 1930. **Univ.Fla. Publ. Biol. Sci. Ser.** 1(1): 126 - 128; Wright & Shoup, 1945. **J. Tenn. Acad. Sci.** XX(3): 272; Whitehouse, 1948. **Trans. R. Canad. Inst.** 27: 42; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 453, 454 (chave).

DIASTATOPS Rambur, 1842

Diastatops obscura (Fabricius, 1775) Hagen, 1861

Santos, 1980. **Resum. VIII Congr. brasil. ent.** Campinas, SP: 334 - 335.

DYTHEMIS Hagen, 1861

Seeman, 1927. **J. Ent. Zool.** 19: 30; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 204 (chave); Klots, 1932. **Sc. Surv. P. Rico** 14(1): 27 (chave), 61; Needham & Fischer, 1936. **Trans. Am. Ent. Soc.** 62: 114 (chave), 115; Byers, 1936. **Ent. News** 47: 61; Wright & Peterson, 1944. **Ohio J. Sci.** 44: 157; Needham, 1951. **Fresh-Water Biol.** 18, Pl. VI, Fig. 9; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 431 (chave), 432, 567 - 568; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.** 125 (chave), 135; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.** 937.

Dythemis fugax Hagen, 1861

Geijskes, 1946. **Trans. R. ent. Soc. Lond.** 97(9): 234; Needham & Westfall, 1955. **Dragfls. N. Am.:** 568 (chave).

Dythemis multipunctata Kirby, 1894

Marmels, 1982. **Boln. ent. venezol.** N. S. 2(11): 96, Figs. 6 - 10.

Dythemis rufinervis (Burmeister, 1839) Hagen, 1861

Klots, 1932. **Sc. Surv. P. Rico**, 14(1): 63 - 64, Pl. V, Fig. 7 (suposição); Garcia-Diaz, 1938. **J. Agric. Univ. P. Rico** 22: 58 - 59; Geijskes, 1946. **Trans. R. ent. Soc. Lond.** 97 (9): 234; Wolcott, 1951. **J. Agric. P. Rico** 32(1): 83; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 568 (chave), Fig. 323.

Dythemis sterilis Hagen, 1861

Geijskes, 1946. *Trans. R. Ent. Soc. Lond.* 97(9): 232 - 234, Fig. 5(A - 1).

Dythemis velox Hagen, 1861

Needham, 1904. *Proc. U. S. Natn. Mus.* 27: 699 - 700, Pl. 42, Fig.2; Geijskes, 1946. *Trans. R. Ent. Soc. Lond.* 97(9): 234; Needham & Westfall, 1955. *Dragfls. N. Am.*: 568 (chave); Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 135.

ERYTHEMIS Hagen, 1861

Needham, 1901. *Bull. Bull. N. Y. St. Mus.* 47: 508 (chave, como *Mesothemis*), 527 - 528; Garman, 1927. *Conn. St. Geol. Nat. Hist. Surv. Bull.* 39: 261 (chave), 264; Seeman, 1927. *J. Ent. Zool.* 19: 30 (como *Mesothemis*); Calvert, 1928. *Univ. Iowa Stud. N. H.* 12(2): 15, 16, 18 (chave), 30 - 34; Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 203 (chave), 246 (como *Mesothemis*); Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.* 1(1): 37 (chave), 137-140; Klots, 1932. *Sc. Surv. P. Rico* 14(1): 27 (chave), 53; Byers, 1936. *Ent. News* 47:62; Needham & Fischer, 1936. *Trans. Am. Ent. Soc.* 62: 113 (chave), 115; Wright & Peterson, 1944. *Ohio J. Sci.* 44: 160 (chave); Needham, 1951. *Fresh-Water Biol.* 16: Pl. VI, Fig. 11 (como *Mesothemis*); Needham & Westfall, 1955. *Man. Dragfls. N. Amer.* 431 (chave), 432, 549. Smith & Pritchard, 1956 "Usinger", *Aquatic Ins. Calif.* 126 (chave), 130, Fig. 4: 13-g; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.* 938, Fig. 34 - 80.

Erythemis attala (Selys, 1857) Calvert, 1907

Calvert, 1928. *Univ. Iowa Stud. N. H.* 12(2): 34; Klots, 1932. *Sc. Surv. P. Rico* 14(1):53 (chave, suposição); Capítulo, 1983. *Limnobiós* 2(7): 531 - 548, 33 figs.

Erythemis collocata (Hagen, 1861) Calvert, 1907

Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.* 131 (chave).

Erythemis credula (Hagen, 1861) Calvert, 1907

Calvert, 1928. *Univ. Iowa Stud. N. H.* 12(2): 34-35, Pl. III, Figs. 34-35, Pl. IV, Figs. 43 - 49, Pl. V, Fig. 50 (suposição); Klots, 1932. *Sc. Surv. P. Rico* 14(1):53 (chave), 54 (suposição); Santos, 1969. *Atas Soc. Biol. Rio de J.* 12(5-6): 287 - 288, 4 figs.

Erythemis peruviana (Rambur, 1842) Hagen, 1861

Calvert, 1928. *Univ. Iowa Stud. N. H.* 12(2): 34; Klots, 1932. *Sc. Surv. P. Rico* 14(1):53

(chave, suposição).

Erythemis plebeja (Burmeister, 1839) Ris, 1911

Calvert, 1928. **Univ. Iowa Stud. N. H.** 12(2): 34; Klots, 1932. **Sc. Surv. P. Rico** 14(1):53 (chave), 55; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 553 - 554.

Erythemis simplicicollis (Say, 1839) Calvert, 1907

Needham, 1901. **Bull. N. Y. St. Mus.** 47: 527; Wilson, 1920. **Bull. U. S. Bur. Fish.** 36: 241 - 242; Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 264 - 266, Fig. 66; Calvert, 1928. **Univ. Iowa Stud. N. H.** 12(2): 34; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 140 - 141; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 53 (chave); Calvert, 1945. **Ent. News** 56, nº 5: 116; Whitehouse, 1948. **Trans. R. Canad. Inst.** 27(nº57): 38; Needham, 1949. **Ecology** 30: 457; Behre, 1950. **Occ. Pap. Marine Lab. St. Univ. Louisiana** 6:15; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 554, Fig. 313; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.** 131 (chave).

Erythemis sp.

Calvert, 1948. **Ent. News** 56, 5: 113 - 115.

Erythemis sp.

Calvert, 1948. **BoIm. Nac. Mus. Rio de J. (N.S.) Zool.:** 87: 16 - 19, Figs. 4 - 9.

ERYTHRODIPLAX Brauer, 1868

Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 261 (chave), 262; Calvert, 1928. **Univ. Iowa Stud. N. H.** 12(2): 15, 16, 18 (chave); Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 204, 214; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 27 (chave), 43 (chave), 42 - 43 (text.); Byers, 1936. **Ent. News** 47: 62; Needham & Fischer, 1936. **Trans. Am. Ent. Soc.** 62: 114 (chave), 115; Needham & Bullock, 1943. **Field Mus. N. H. Zool.** 24: 360 (chave); Wright & Peterson, 1944. **Ohio J. Sci.** 44: 160 (chave); Needham, 1951. **Fresh-Water Biol.** 18, Pl. VI, Fig. 14; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 432, 434 (chave), 519; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 126 (chave), 133; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.:** 938.

Erythrodiplax berenice (Drury, 1773) Calvert, 1905

Calvert, 1903. **Ent. News.** 14: 276 (como *Micrathyria*); Calvert, 1904. **Ent. News** 15: 174; Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 263; Needham & Heywood, 1929. **Catálogo bibliográfico ...**

Hdb. Dragfls. N. Am.: 214; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 38 (chave), 134; Pearse, 1932. **Carneq. Wash. Inst. Publ.** 435: 129-130; Whitehouse, 1948. **Trans. R. Canad. Inst.** 27: 38 (como *Erythemis*); Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 521 (chave), 523.

Erythrodiplax connata fusca (Rambur, 1842) Brauer, 1868

Santos, 1967. **Atas Soc. Biol. Rio de J.** 10(6): 145 - 147, 3 figs.; Santos, 1970. **Atas Soc. Biol. Rio de J.** 13(5-6): 137; Lien & Tsai, 1986. **Odonatologica** XV (1):108-112 (nina referida como predadora de anofelíneos).

Erythrodiplax funerea (Hagen, 1861) Calvert, 1906

Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 521 (chave), 523, 526; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 133.

Erythrodiplax justiniana (Selys, 1857) Calvert, 1906

Klots, 1932. **Sc. Surv. P. Rico** 14(1): 43 (chave); Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 521 (chave), 523.

Erythrodiplax naeva (Hagen, 1861) Calvert, 1906

Calvert, 1904. **Ent. News** 15: 174; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 43 (chave), 48; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 521 (chave), 523, 527 - 528.

Erythrodiplax umbrata (Linnaeus, 1758) Brauer, 1868

Calvert, 1928. **Univ. Iowa N. H.** 12(2): 3; 25 - 26, Pl. III, Figs. 26 - 29, Pl. IV, 36-42; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 214; Klots, 1932. **Sc. Surv. P. Rico**, 14 (1): 43 (chave), 45, Pl. V, Fig. 3; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 521 (chave), 523.

***Erythrodiplax* sp.**

Laessle, 1961. **Ecology** 42(3): 504 - 511.

GYNOTHEMIS Geijskes, 1972

Gynothemis uniseta Geijskes, 1972

Geijskes, 1972. **Zool. Moded.** 47: 406, 408 - 409, Figs. 11 - 17.

IDIATAPHE Cowley, 1934

Needham & Fischer, 1936. *Trans. Am. Ent. Soc.* 62: 113 (chave), 115 (como *Ephidatia*); Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 431 (chave), 446; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.*: 936.

Idiataphe cubensis (Scudder, 1866) Cowley, 1934

Needham & Fischer, 1936. *Trans. Am. Ent. Soc.* 62: 108 - 109, Pl. VI, Fig. 1, Pl. VII, Fig. 5; Garcia-Diaz, 1938. *J. Agric. Univ. P. Rico* 22: 60; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 446, Fig. 280.

LEPTHEMIS Hagen, 1861

Klots, 1932. *Sc. Surv. P. Rico* 14(1): 27 (chave); Byers, 1936. *Ent. News* 47: 62; Needham & Fischer, 1936. *Trans. Am. Ent. Soc.* 62: 113 (chave), 115; Wright & Peterson, 1944. *Ohio J. Sci.* 44: 160 (chave); Needham & Westfall, 1955. *Man Dragfls. N. Amer.*: 431 (chave), 432, 555; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 126 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.*: 938.

Leptemis vesiculosa (Fabricius, 1775) Hagen, 1861

Klots, 1932. *Sc. Surv. P. Rico* 14(1): 270; Wolcott, 1951. *J. Agric. Univ. P. Rico* 32(1): 82 - 83; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 557, Fig. 315.

LIBELLULA Linnaeus, 1758

Needham, 1901. *Bull. N. Y. St. Mus.* 47: 509 (chave), 530 - 531; Needham & Hart, 1901. *Bull. Ill. St. Lab. Nat. Hist.* VI (1): 26; Rousseau, 1921. *Aquat. Ins. Eur.* 135 (chave), 136 - 138; Garman, 1927. *Conn. St. Geol. Nat. Hist. Surv. Bull.* 39: 240 (chave), 241; See man, 1927. *J. Ent. Zool.* 19: 30; Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.* 204 (chave), 219; Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.* 1(1): 106 - 107; Byers, 1936. *Ent. News* 47: 62, 63; Needham & Fischer, 1936. *Trans. Am. Ent. Soc.* 62: 113 (chave), 115; Wright & Peterson, 1944. *Ohio J. Sci.* 44: 158 (chave); 160; Needham, 1951. *Fresh-Water Biol.*: 18, Pl. VI, Fig. 1; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 431 (chave), 432, 480; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 126 (chave), 134, Fig. 4: 10-a e 11-k; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.* 938 (chave).

Libellula auripennis Burmeister, 1839

Needham, 1901. *Bull. N. Y. St. Mus.* 47: 532 (chave), 533; Byers, 1927. *Ent. News* 38: 114

(chave); Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 243 (chave); Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 38 (chave), 107-108; Klots, 1932. **Sc.Surv. P. Rico** 14(1): 27; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 485 (chave), 486.

Libellula herculea Lineu, 1758

Marmels, 1982. **BoIn. ent. venezol.** N.S. 2(11): 95 - 96, Figs. 1-5; Machado, 1983. **Resum. X Congr. Brasil. Zool.**, Belo Horizonte: 197 (ninfa em buraco de árvore).

Libellula comanche Calvert, 1907

Needham & Westfall, 1955. **Dragfls. N. Am.:** 484, 485; Smith & Pritchard, 1956. **'Usinger', Aquat. Ins. Calif.:** 134 (chave).

Libellula croceipennis Selys, 1868

Needham & Westfall, 1955. **Dragfls. N. Am.:** 484, 485.

Libellula luctuosa Burmeister, 1839

Wilson, 1920. **Bull. U. S. Bur. Fish.** 36: 117 - 118, 239, 240, 241 (suposição); Byers, 1927. **Ent. News** 38: 114 (chave); Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 243 (chave), 248; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 38 (chave), 117 - 118; Whotthouse, 1948. **Trans. R. Canad. Inst.** 27 (nº 57): 36; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 484, 485 (chave), 493; Smith & Pritchard, 1956. **'Usinger' Aquatic Ins. Calif.:** 134 (chave).

Libellula needhami Westfall, 1943

Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 484, 485 (chave).

Libellula saturata Uhler, 1857

Needham, 1904. **Proc. U. S. Nat. Mus.** 27: 705 - 706, Pl. 42, Fig. 1; Byers, 1927. **Ent. News** 38: 114 (chave); Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 219, 222; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 484, 485 (chave), 497; Smith & Pritchard, 1956. **'Usinger', Aquatic Ins. Calif.:** 133 (como *Belonia*).

MACRODIPLAX Brauer, 1868

Needham & Fisher, 1936. **Trans. Am. Ent. Soc.** 62: 109 - 110, 114 (chave), 115; Wright & Peterson, 1944. **Ohio J. Sci.:** 44: 157 (chave); Needham & Westfall, 1955. **Man. Dragfls.**

N. Amer. 431 (chave), 432, 468. Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.** 125 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.**: 938.

Macrodiplax balteata (Hagen, 1861) Brauer, 1868

Needham & Fisher, 1936. **Trans. Am. Ent. Soc.** 62: 109 - 110, Pl. VI, Fig. 7, Pl. VII, Fig. 3 (suposição); Bick, 1955. **Proc. Ent. Soc. Wash.** 57: 191 - 196, 6 figs; Needham & Westfall, 1955. **Man. Dragfls. N. Am.**: 468, Fig. 287.

MACROTHEMIS Hagen, 1868

Klots, 1932. **Sc. Surv. P. Rico** 14(1): 27 (chave); Byers, 1936. **Ent. News** 47:61; Needham & Fisher, 1936. **Trans. Am. Ent. Soc.** 62: 114 (chave), 115; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.**: 431 (chave), 432; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.**: 125 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.** 936.

Macrothemis celeno (Selys, 1857) Hagen, 1868

Klots, 1932. **Sc. Surv. P. Rico** 14(1): 60 - 61, Pl. III, Fig. 2; Pl. V, Fig. 8; Garcia-Diaz, 1938. **J. Agric. Univ. P. Rico** 22: 62; Wolcott, 1951. **J. Agric. P. Rico** 32(1): 83; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.**: 431 (chave), 573, Fig. 325.

Macrothemis musiva (Hagen, 1861) Calvert, 1898

Santos, 1970. **Atas Soc. Biol. Rio de J.** 13(5-6), 157 - 158, 7 figs.

MIATHYRIA Kirby, 1889

Klots, 1932. **Sc. Surv. P. Rico** 14(1): 27 (chave), 34; Byers, 1936. **Ent. News** 47: 61; Needham & Fisher, 1936. **Trans. Am. Ent. Soc.** 62: 113 (chave), 115; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** : 431 (chave), 432; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.**: 125 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.**: 937.

Miathyria marcella (Selys, 1857) Kirby, 1889

Klots, 1932. **Sc. Surv. P. Rico** 14(1): 35 - 36, Pl. III, Fig. 1, Pl. V, Fig. 2 (suposição); Garcia-Diaz, 1938. **J. Agric. Univ. P. Rico** 22: 62; Bick, 1953. **Proc. Ent. Soc. Wash.** 55: 30 - 36, 6 figs.; Westfall Jr., 1953. **Fla. Ent.** 36: 21 - 25, 1 Pl.; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.**: 432, 586, Fig. 333.

MICRATHYRIA Kirby, 1889

Byers, 1936. **Ent. News** 47: 64; Needham & Fischer, 1936. **Trans. Am. Ent. Soc.** 62:114(chave), 115; Calvert, 1948. **Bolm. Mus. Nac. Rio de J. (N.S.) Zool.** 87: 15 - 16 (como **Micrathyria** ou **Erythrodiplax** ?); Needham & Westfall, 1955. **Man. Dragfls. N. Amer.**: 434 (chave), 433; Smith & Pritchard, 1956. "**Usinger**", **Aquatic Ins. Calif.**: 126 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.**: 938.

Micrathyria aequalis (Hagen, 1861) Kirby, 1894

Needham, 1943. **Ann. Ent. Soc. Amer.** 36: 187 - 188; Wolcott, 1951. **J. Agric. Univ. P. Rico** 32: 81; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 504 (chave), Fig. 301.

Micrathyria artemis Ris, 1911

Santos, 1972. **Atas Soc. Biol. Rio de J.** 15(3): 141 - 143, 5 figs.

Micrathyria atra (Martin, 1897) Calvert, 1906

Santos, 1978. **Atas Soc. Biol. Rio de J.** 19: 17 - 18, 3 figs.

Micrathyria didyma (Selys, 1857) Kirby, 1889

Needham, 1943. **Ann. Ent. Soc. Amer.** 36: 187 (como *M. dicrota*); Needham, 1943. **Ann. Ent. Soc. Amer.** 36: 188 - 189; Needham & Westfall, 1955. **Man. Dragfls. N. Am.**: 504 (chave).

Micrathyria dissocians Calvert, 1906

Klots, 1932. **Sc. Surv. P. Rico** 14(1): 41 Pl. III, Fig. 4; Pl. IV, Fig. 5 (suposição); Needham, 1943. **Ann. Ent. Soc. Amer.**: 36: 185 (chave); Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 504 (chave).

Micrathyria hageni Kirby, 1890

Needham, 1943. **Ann. Ent. Soc. Amer.** 36: 185 - 187, Fig.; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 504 (chave), Fig. 273.

Micrathyria hypodidyma Calvert, 1906

Santos, 1968. **Atas. Soc. Biol Rio de J.** 11(5): 195 - 197, 3 figs.

Micrathyría ocellata Martin, 1897

Paulson, 1969. **Tombo** 12: 12 - 16 (oviposição).

Micrathyría stawiarskii Santos, 1953

Santos, 1970. **Atas. Soc. Biol.** Rio de J. 13(5-6): 157.

Micrathyría sp.

Santos in Della Patrone, 1984. **Tese Inst. Nat. Polytech.** Toulouse (conteúdo estomacal de robalo, *Centropomus parallelus*).

ORTHEMIS Hagen, 1861

Calvert, 1928. **Univ. Iowa Stud. N. H.** 12(2): 15, 16, 18 (chave); Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 204 (chave), 216; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 27 (chave); Geijskes, 1934. **Int. Rev. Ges. Hydrobiol.** 31: 293 - 294; Byers, 1936. **Ent. News** 47: 63; Needham & Fisher, 1936. **Trans. Am. Ent. Soc.** 62: 113 (chave), 115; Needham & Bullock, 1943. **Field Mus. N. H. Zool.** 24: 360 (chave); Wright & Peterson, 1944. **Ohio J. Sci.** 44: 160 (chave); Needham, 1951. **Fresh-Water Biol.** 18, Pl. VI, Fig. 2; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 431 (chave), 433, 470; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 126 (chave), 133, Fig. 4: 11-m; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.** 938.

Orthemis ferruginea (Fabricius, 1775) Hagen, 1861

Needham, 1904. **Proc. U. S. Natn. Mus.** 27: 702 - 703, Fig. 3; Calvert, 1928. **Univ. Iowa Stud. N. H.** 12(2): 3, 19 - 22, Pl. II, Fig. 19 - 25, Pl. III, Fig. 32 - 33; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 38, (chave), 121 - 122; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 30; Geijskes, 1934. **Int. Rev. Ges. Hydrobiol.** 31: 294 - 297, Figs. 1-2; Garcia-Diaz, 1938. **J. Agric. Univ. P. Rico** 22: 63; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 471, Fig. 290; Santos, 1970. **Atas. Soc. Biol.** Rio de J. 13(5-6): 157; Marmels, 1983. **BoIn. ent. venezol. N.S.** 2(19): 155 (record).

Orthemis sp.

Santos, 1970. **Atas Soc. Biol.** Rio de J. 14(3-4): 49 (como *O. ambinigra* ou *O. cultriformis*, sem descrição).

PACHYDIPLAX Brauer, 1868

Needham, 1901. **Bull. N. Y. St. Mus.** 47: 508 (chave), 527; Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 261 (chave), 277; Seeman, 1927. **J. Ent. Zool.** 19:30; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 204 (chave), 244; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 37 (chave), 137; Byers, 1936. **Ent. News** 47: 63; Needham & Fisher, 1936. **Trans. Am. Ent. Soc.** 62: 114 (chave), 115; Wright & Peterson, 1944. **Ohio J. Sci.** 44: 160 (chave); Needham, 1951. **Fresh-Water Biol.:** 18, Pl. VI, Fig. 12; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 433, 434 (chave), 564; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.** 126 (chave), 129, 130, Fig. 4: 13-i, Fig. 4: 10-h, Fig. 4: 11-j; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.:** 938; Fig. 34-82.

Pachydiplax longipennis (Burmeister, 1839) Brauer, 1868

Needham, 1901. **Bull. N. Y. St. Mus.** 47: 527; Evans, 1914. **Mich. Geol. Biol. Surv. Publ.** 20, **Biol. Ser.** 4: 52; Lyon, 1915. **Ent. News** 26: 3; Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 277; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 245-246; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 137 - 138; Calvert, 1945. **Ent. News** 56: 116; Wright & Shoup, 1945. **J. Tenn. Acad. Sci.** 20(3): 272; Whitehouse, 1948. **Trans. R. Canad. Inst.** 27: 40; Needham, 1949. **Ecology** 30: 457; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 565 - 567, Fig. 321; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 564, Fig. 321; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 130.

PALTOTHEMIS Karsch, 1890

Seeman, 1927. **J. Ent. Zool.** 19: 30; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 204 (chave), 256; Byers, 1936. **Ent. News** 47: 62; Needham & Fisher, 1936. **Trans. Am. Ent. Soc.** 62: 114 (chave), 115; Wright & Peterson, 1944. **Ohio J. Sci.** 157 (chave); Needham, 1951. **Fresh-Water Biol.:** 18, Pl. VI, Fig. 12; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 433, 434 (chave), 583; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 125 (chave), 135, Fig. 4: 10-c; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.:** 937.

Paltothemis lineatipes (Fabricius, 1798), Karsch, 1890

Needham, 1904. **Proc. U. S. Natn. Mus.** 27: 699, Pl. 39, Fig. 4; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 583, Fig. 331; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 135.

PANTALA Hagen, 1861

McLachlan, 1877. *Proc. Zool. Soc. Lond.*: 85 - 86, Fig. 1; Cabot, 1890. *Mem. Mus. Zool. Comp. Harv.* 17(1): 43; Calvert, 1893. *Trans. Am. Ent. Soc.* 20: 227 (chave); Williamson, 1900. *24th. Ann. Rep. Ind. Dept. Geol. Nat. Res.*: 245 (chave); Needham, 1901. *Bull. N.Y. St. Mus.* 47: 509 (chave), 539 - 540; Garman, 1927. *Conn. St. Geol. Nat. Hist. Surv. Bull.* 39: 289 (chave), 292; Seeman, 1927. *J. Ent. Zool.* 19: 30; Calvert, 1929. *Proc. Am. Phil. Soc.* 68(3): 255, Tb 3, 256, Tb. 4; Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 204 (chave), 251; Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.* 1(1): 37 (chave), 150; Klots, 1932. *Sc. Surv. P. Rico* 14(1): 27 (chave), 72; Geijskes, 1934. *Int. Rev. Ges. Hydrobiol.* 31: 302 - 303; Byers, 1936. *Ent. News* 47: 63; Needham & Fisher, 1936. *Trans. Am. Ent. Soc.* 62: 114 (chave), 115; Wright & Peterson, 1944. *Ohio J. Sci.* 44: 160 (chave); Needham, 1951. *Fresh-Water Biol.*: 18, Pl. VI, Fig. 4; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.* 433, 434 (chave); Smith & Pritchard, 1956. "Usinger", *Aquatic Inst. Calif.*: 126 (chave), 136, Fig. 4: 11-i, Fig. 4: 13-k; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.*: 937, Fig. 34 - 83.

Pantala flavescens (Fabricius, 1798) Hagen, 1861

Cabot, 1890. *Mem. Mus. Comp. Zool. Harv.* 17(1): 43 - 44, Pl. VI, Fig. 5; Needham, 1904. *Proc. U. S. Natn. Mus.* 27: 712, Pl. 40, Fig. 5; Lamb, 1924. *Trans. Am. Ent. Soc.* 50: 289-311; Garman, 1927. *Conn. St. Geol. Nat. Hist. Surv. Bull.* 39: 292 (chave), 294; Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 251; Lamb, 1929. *Trans. Amer. ent. Soc.* 55: 331-333; Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.* 1(1): 37 (chave), 150-151; Klots, 1932. *Sc. Surv. P. Rico* 14(1): 72 (chave), 73-74; Geijskes, 1934. *Int. Rev. Hydrobiol.* 31: 303-306, Figs. 8 - 13; Barnard, 1940. *Ann. South Afric. Mus.* 32: 660, Fig. 19(a,b,c); Byers, 1940. *Proc. Fla. Acad. Sci.* 5: 14-25; Wright & Shoup, 1945. *J. Tenn. Acad. Sci.* XX (3): 272; Whitehouse, 1948. *Trans. R. Canad. Ins.* 27: 43; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.* 602, Fig. 341; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 136 (chave).

Pantala hymenea (Say, 1839) Hagen, 1861

Cabot, 1890. *Mem. Mus. Comp. Zool. Harv.* 17(1): 45; Kennedy, 1923. *Can. Ent.* 55: 36-38, 7 figs.; Garman, 1927. *Conn. St. Geol. Nat. Hist. Surv. Bull.* 39: 292 (chave), 293; Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 251; Byers, 1930. *Univ. Fla. Biol. Publ. Biol. Sci. Ser.* 1(1): 37 (chave), 151; Whitehouse, 1948. *Trans. R. Canad. Inst.* 27: 43; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 602 (chave), 603; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 136 (chave).

PERITHEMIS Hagen, 1861

Needham, 1901. **Bull. N. Y. St. Mus.** 47: 508 (chave); Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 257 - 258; Seeman, 1927. **J. Ent. Zool.** 19: 30; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.**: 203 (chave), 205; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 37 (chave); Klots, 1932. **Sc. Surv. P. Rico** 14(1): 27 (chave), 31; Byers, 1936. **Ent. News** 47: 61; Needham & Fisher, 1936. **Trans. Am. Ent. Soc.** 62: 113 (chave), 115; Wright & Peterson, 1944. **Ohio J. Sci.** 44: 157 (chave); Needham, 1951. **Fresh-Water Biol.**: 16, Pl. VI, Fig. 15; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.**: 431 (chave), 440; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.**: 125 (chave), Fig. 4: 13-h; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.**: 937, Fig. 34 - 84.

Perithemis domitia (Drury, 1773) Hagen, 1861

Needham, 1901. **Bull. N. Y. St. Mus.** 47: 513, Figs. 8, 17; Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 258 - 259, Fig. 65; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.**: 207; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 34; Garcia-Diaz, 1938. **J. Agric. Univ. P. Rico** 22: 63 - 64; Wolcott, 1951. **J. Agric. Univ. P. Rico** 32(1): 81; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 441 (chave), Fig. 277; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.**: 937, Fig. 34 - 84.

Perithemis electra Ris, 1930

Santos, 1970. **Atas Soc. Biol. Rio de J.** 14(3-4): 49 - 50; Santos, 1972. **Atas Soc. Biol. Rio de J.** 16(2-3): 71 - 72, 6 figs.

Perithemis mooma Kirky, 1889

Santos, 1973. **Atas Soc. Biol. Rio de J.** 16(2-3): 71 - 72, 6 figs.

Perithemis rubita Dunkle, 1982

Dunkle, 1982. **Odonatologica** 11(1): 37 - 38 (ovos, 29 estágio).

Perithemis seminole Calvert, 1907

Needham & Westfall, 1955. **Dragfls. N. Am.**: 441 (chave), 443.

Perithemis tenera (Say, 1839) Hagen, 1873

Needham, 1901. **Bull. N. Y. St. Mus.** 47: 512; Whitehouse, 1948. **Trans. R. Canad. Inst.** 27: 37; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.**: 441 (chave), 443, 444.

Perithemis sp.

Santos in Della Patrone, 1984. **Tese Inst. Nat. Polytech.** Toulouse (conteúdo estomacal de robalo, *Centopomus parallelus*).

PLATHEMIS Hagen, 1861

Needham, 1901. **Bull. N. Y. St. Mus.** 47: 509 (chave); Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 240 (chave), 254; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.**: 204 (chave); Byers, 1936. **Ent. News** 47: 62; Needham & Fisher, 1936. **Trans. Am. Ent. Soc.** 62: 113 (chave), 115; Wright & Peterson, 1944. **Ohio J. Sci.** 44: 157 (chave); Needham, 1951. **Fresh-Water Biol.**: 18, Pl. VI, Fig. 3; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.**: 431 (chave), 433, 499; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.** 126 (chave), Fig. 4: 10-b, Fig. 4: 11-m.

Plathemis lydia (Drury, 1770) Hagen, 1861

Needham & Westfall, 1955. **Dragfls. N. Am.** 499 (chave), fig. 299; Smith & Pritchard, 1956. "Usinger", **Aquat. Ins. Calif.**: 134 (chave).

Plathemis subornata Hagen, 1861

Needham & Westfall, 1955. **Man. Dragfls. N. Amer.**: 499 (chave), 502 - 503; Levine, 1957. **Smith. Misc. Coll.** 134 (nº 11) **Publ.** 4301: 23 (chave); Smith & Pritchard, 1956. "Usinger", **Aquat. Ins. Calif.**: 134 (chave).

PSEUDOLEON Kirby, 1889

Wright & Peterson, 1944. **Ohio J. Sci.** 44: 160 (chave); Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 433, 434 (chave), 463 - 464; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.**: 126 (chave), 129; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.**: 939.

Pseudoleon superbus (Hagen, 1861) Kirby, 1889

Needham, 1937. **J. Ent. Zool.** 29: 107, Figs.; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.**: 466, Fig. 285; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.**: 129.

RHODOPYGIA Kirby, 1899

Rhodopygia geijskesi Belle, 1964

Marmels, 1983. **Boln. ent. venezol.** N.S. 2(19): 155 (record).

SCAPANEA Kirby, 1889

Klots, 1932. *Sc. Surv. P. Rico* 14(1): 27 (chave); Byers, 1936. *Ent. News* 47:61; Needham & Fisher, 1936. *Trans. Am. Ent. Soc.* 62: 114 (chave), 115; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 431 (chave), 577.

Scapanea frontalis (Burmeister, 1839) Kirby, 1889

Klots, 1932. *Sc. Surv. P. Rico* 14(1): 66 - 67, Pl. III, Fig. 3, Pl. V, Fig. 6; Garcia-Dias, 1938. *J. Agric. Univ. P. Rico* 22: 64 - 65; Needham, 1941. *J. Agric. Univ. P. Rico* 25(3): 4; Wolcott, 1951. *J. Agric. Univ. P. Rico* 32(1): 83 - 84; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 578, Fig. 327.

TARNETRUM Needham & Fisher, 1936

Needham & Fisher, 1936. *Trans. Am. Ent. Soc.* 62: 114 (chave), 115; Wright & Peterson, 1944. *Ohio J. Sci.* 44: 160 (chave); Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 433-434 (chave), 545; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 126 (chave), 131; Gloyd & Wright, 1959. "Edmondson", *Ward & Whipple, Fresh-Water Biol.*: 939.

Tarnetrum corruptum (Hagen, 1861) Needham & Fisher, 1936

Needham, 1901. *Bull. N. Y. St. Mus.* 68: 271 - 273, text-fig. 16; Needham, 1903; Walker, 1917. *Can. Ent.* 49: 413 (chave), 417 (como *Sympetrum*); Garman, 1927. *Conn. St. Geol. Nat. Hist. Surv. Bull.* 39: 269 (chave, como *Sympetrum*); Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 231 (como *Sympetrum*); Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.* 1(1):38 (como *Sympetrum*); Wright, 1946. *J. Tenn. Acad. Sci.* 21(2): 199; Whitehouse, 1948. *Trans. R. Canad. Inst.* 27: 38; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 545 (chave), Fig. 311; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 131 (chave); Cannings, 1982. *Adv. Odonatol.* 1: 11 (chave) - 13.

Tarnetrum illotum (Hagen, 1861) Needham & Fisher, 1936

Needham, 1901. *Bull. N. Y. St. Mus.* 47: 521, Pl. 25, Fig. 1 (como *Sympetrum*); Walker, 1917. *Can. Ent.* 49: 413 (chave), 417 (como *Sympetrum*); Byers, 1927. *J. N. Y. Ent. Soc.* 35: 71 - 72 (como *Sympetrum*); Garman, 1927. *Conn. St. Geol. Nat. Hist. Surv. Bull.* 39:269 (chave, como *Sympetrum*); Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 231 (como *Sympetrum*); Wright, 1946. *J. Tenn. Acad. Sci.* 21(2): 199; Whitehouse, 1948. *Trans. R. Canad. Inst.* 27: 38; Needham & Westfall, 1955. *Man. Dragfls. N. Amer.*: 545 (chave); Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 131 (chave); Cannings, 1982. *Adv. Odonatol.* 1: 11 (chave) - 13.

Tarnetrum nigrocreatum Calvert, 1920

Cannings, 1982. **Adv. Odonatol.** 1: 11 (chave) - 14.

TAURIPHILA Kirby, 1889

Needham & Fisher, 1936. **Trans. Am. Ent. Soc.** 62: 113 (chave), 115; Needham & Westfall, 1955. **Man. Dragfls. N. Am.:** 431 (chave), 433, 587 - 588; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.:** 936.

Tauriphila australis Hagen, 1867

Needham & Westfall, 1955. **Man. Dragfls. N. Am.:** 589, Figs. 335.

Tauriphila sp.

Needham & Fisher, 1936. **Trans. Am. Ent. Soc.:** 109, Pl. VI, Fig. 2, Pl. VII, Fig. 6; Smith & Pritchard, 1956. "Usinger", **Aquat. Ins. Calif.:** 125 (chave).

THOLYMIS Hagen, 1861

Tholymis citrina (Hagen, 1867) Hagen, 1867

Needham & Bullock, 1943. **Field Mus. N. H. Zool.** 24: 360 (chave).

TRAMEA Hagen, 1861

Cabot, 1890. **Mem. Mus. Comp. Zool. Harv.** 17(1): 45; Calvert, 1893. **Trans. Am. Ent. Soc.** 20: 227 (chave); Williamson, 1900. 24th. **Ann. Rep. Ind. Dept. Geol. Nat. Res.:** 245 (chave); Needham, 1901. **Bull. N. Y. St. Mus.** 47: 309 (chave), 537 - 538; Byers, 1927. **J. N. Y. Ent. Soc.** 35: 72; Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 289 (chave); Seeman, 1927. **J. Ent. Zool.** 19: 30; Calvert, 1928. **Univ. Iowa Stud. Nat. Hist.** 15, 16, 18 (chave), 26 - 28; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 204 (chave), 253; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 37 (chave), 145 - 146; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 27 (chave); Geijskes, 1934. **Int. Rev. Ges. Hydrobiol.** 31: 306; Byers, 1936. **Ent. News** 47: 63; Needham & Fisher, 1936. **Trans. Amer. Ent. Soc.** 62: 114 (chave); 115; Wright & Peterson, 1944. **Ohio J. Sci.** 44: 160 (chave); Needham, 1951. **Fresh-Water Biol.:** 18, Pl. VI, Fig. 4; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.** 434 (Chave), 433, 593; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 126 (chave), 135, Fig. 4: 10-g; Fig. 4: 11-j, Fig. 4: 13-j; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.:** 938, Fig. 34 - 86.

Tramea abdominalis (Rambur, 1842) Hagen, 1861

Cabot, 1890. **Mem. Mus. Zool. Comp. Harv.** 17(1): 45; Byers, 1927. **J. N. Y. Ent. Soc.** 35: 73 (chave); Calvert, 1928. **Univ. Iowa Stud. N. H.** 12: 29; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 37, (chave), 146; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 68 (chave), 69 - 70; Geijskes, 1934. **Int. Rev. Ges. Hydrobiol** 31: 306 - 311, Figs. 14-18; Garcia-Diaz, 1938. **J. Agric. Univ. P. Rico** 22: 65; Wolcott, 1951. **J. Agric. P. Rico** 32(1): 84; Needham & Westfall; 1955. **Man. Dragfls. N. Amer.** 595 (chave).

Tramea binotata (Rambur, 1842) Hagen, 1861

Marmels, 1983. **Boln. ent. venezol.** N. S. 2(19): 155 (record).

Tramea cophysa (Selys, 1857) Hagen, 1861

Calvert, 1928. **Univ. Iowa Stud. N. H.** 12: 29; Klots, 1932. **Sc. Surv. P. Rico** 14 (1): 68 (chave); Santos, 1968. **Atas Soc. Biol Rio de J.** 12(3): 169 - 171, 5 figs.

Tramea lacerata Hagen, 1861

Cabot, 1890. **Mem. Mus. Comp. Zool. Harv.** 17(1): 46 - 47, Pl. VI, Fig. 1; Needham, 1901. **Bull. N. Y. St. Mus.** 47: 538 (chave), 539; Evans, 1914. **Mich. Geol. Biol. Surv. Publ.** 20, **Biol. Ser.**; Byers, 1927. **J. N. Y. Ent. Soc.** 35: 73 (chave); Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 29: 289 (chave), 291-292; Calvert, 1928. **Univ. Iowa Stud. N.H.** 12: 29; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser** 1(1): 37 (chave), 148-149; Calvert, 1945. **Ent. News** 56: 116; Bick, 1951. **Ent. News** 62: 293 - 303, Fig. 3; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 596 (chave); Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 136.

Tramea onusta Hagen, 1861

Byers, 1927. **J. N. Y. Ent. Soc.** 35: 72 - 73 (chave); Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 37 (chave), 149; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 68 (chave) 69; Whitehouse, 1948. **Trans. R. Canad. Inst.** 27 (57): 43; Needham & Westfall, 1955. **Man. Dragfls. N. Amer.:** 595 (chave), 598 - 599; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 135.

***Tramea* sp.**

Cabot, 1890. **Mem. Mus. Comp. Zool. Harv.** 17(1): 47; Cabot, 1890. **Mem. Mus. Comp. Zool. Harv.** 17(1): 48; Calvert, 1928. **Univ. Iowa Stud. N. H.** 12(2): 3, 28 - 30, Pl. III, Figs. 30 - 31; Calvert, 1948. **Bolm. Mus. Nac. Rio de J. (N.S.) Zool.** 20-22 (como *Trapezostigma*).
316 Santos

Tramea sp.

Santos in Della Patrone, 1984. **Tese Inst. Nat. Polytech.** Toulouse (conteúdo estomacal de robalo, *Centropomus parallelus*).

ZYGOPTERA: AGRIONOIDEA, AGRIONIDAE

Calvert, 1893. **Trans. Am. Ent. Soc.** 19: 225 (como legião *Calopteryx*); Needham & Hart, 1901. **Bull. Ill. St. Lab. N. H.** VI(A 1): 25 (como *Calopterygidae*); Needham, 1903. **Bull. N. Y. St. Mus.** 68: 220 (como *Calopterygidae*); Rousseau, 1909. **Ann. Biol. Lac.** III: 342 (chave), 342 - 344, (como *Calopterygidae*); Rousseau, 1921. **Ins. Aquatic Eur.**: 108 (chave): 145 - 147 (como *Calopterygidae*); Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 35 (chave), 108; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.** 257(chave)258; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 38 (chave), 152; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 74, 75 (chave); Wright & Peterson, 1944. **Ohio J. Sci.** 152 (chave); Cole, 1947. **J. Tenn. Acad. Sci.** 22: 29 (chave), Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.** (chave), 137; Gloyd & Wright, "Edmondson", Ward & Whipple, **Fresh-Water Biol.**: 920 (chave, como *Calopterygidae*); Westfall, 1978. "in Merritt & Cummins", **Aquat. Ins. N. Am.**: 82, 85 (como *Calopterygidae*).

AGRION Fabricius, 1775

Hagen, 1885. **C. R. Soc. Ent. Belg.** 33: 65 - 66 (como *Calopteryx*); Calvert, 1893. **Trans. Am. Ent. Soc.** 20: 225 (chave, como *Calopteryx*); Williamson, 1900. 24th. **Ann. Rep. Ind. Dept. Geol. Nat. Resours.** 245 (chave); Needham, 1901. **Bull. N. Y. St. Mus.** 68: 220 (chave), 221 (como *Calopteryx*); Rousseau, 1909. **Ann. Biol. Lac.** III: 344 (como *Calopteryx*); Garman, 1917. **Bull. Ill. St. Lab. Nat. Hist.** 12: 466 (chave); Howe, 1920. **Mem. Thoreau Mus. N. H.** 11(VI): 95; Rousseau, 1921. **Ins. Aquatic Eur.**: 147 (como *Calopteryx*):108(chave); Rousseau, 1921. **Ins. Aquatic Eur.** I: 147 (como *Calopteryx*); Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 108, 109; Seeman, 1927. **J. Ent. Zool.** 19:7(chave); Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.**: 258, 259; Needham, 1951. **Fresh-Water Biol.** 18; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.**: 137(chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.**: 923 (chave).

Agrion dimidiatum (Burmeister, 1839) Kirby, 1890

Wright, 1946. **J. Tenn. Acad. Sc.** 21(4): 336 - 338, Fig. 1.

HETAERINA Selys, 1853

Hagen, 1880. **C. R. Soc. ent. Belg.** 23: 56 (caract.); Hagen, 1885. **C. R. Soc. Ent. Belg.** 33: 66; Calvert, 1893. **Trans. Am. Ent. Soc.** 20: 225 (chave); Williamson, 1900. 24th. **Rep. Catálogo bibliográfico ...**

Ind. Dept. Geol. Nat. Res.: 244 (chave); Needham, 1903. Bull. N. Y. St. Mus. 68:220(chave), 225 - 226; Garman, 1917. Bull. Ill. St. Lab. Nat. Hist. 12: 466(chave); Garman, 1927. Conn. St. Geol. Nat. Hist. Surv. Bull. 39: 108 (chave), 113 - 114; Seeman, 1927. J. Ent. Zool. 19: 7 (chave); Needham & Heywood, 1929. Hdb. Dragfls. N. Am.: 258 (chave), 268; Byers, 1930. Univ. Fla. Publ. Biol. Sci. Ser. 1(1): 38 (chave), 158; Needham, 1951. Fresh-Water Biol.: 18, Pl. VII, Fig. 12; Smith & Pritchard, 1956. "Usinger", Aquatic Ins. Calif.: 137; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, Fresh-Water Biol.: 923 (chave).

Hetaerina americana (Fabricius, 1798) Selys, 1853

Hagen, 1880. C. R. Soc. ent. Belg. 23: 66 (sem descr.); Higgins, 1901. Proc. Acad. Nat. Sci. Philad. 53, Pl. 11, Fig. 3; Needham, 1901. Bull. Ill. Lab. Nat. Hist. VI, (A1): 41 (chave), 45 (como *H. californica*); Needham, 1903. Bull. N. Y. St. Mus. 68: 226-228, Fig. 4; Lyon, 1915. Ent. News 26: 3; Garman, 1917. Bull. Ill. St. N. H. 12(4): 466 (chave); 471 - 472, Figs. 9, 15, 23, 79; Garman, 1917. Bull. Ill. St. Lab. Nat. Hist. 12: 471 - 472, Fig. 9 e 79; Whedon, 1918. Trans. Am. Ent. Soc. 44, Pl. XX, Fig. 4; Howe, 1921. Mem. Thoreau Mus. N. H. 11: 107, Pl. 2; Garman, 1927. Conn. St. Geol. Nat. Hist. Surv. Bull. 39: 114; Byers, 1930. Univ. Fla. Publ. Biol. Sci. Ser. 1(1): 38 (chave), 150-160; Wright & Shoup, 1945. J. Tenn. Acad. Sci. XX(3): 269, 270; Geijskes, 1946. Trans. R. Ent. Soc. London 97 (9) 225 (chave); Whitehouse, 1948. Trans. R. Canad. Inst. 27(570): 7; Walker, 1953. Odon. Canada e Alaska 1: 79 Pl. XI, Fig. 3, 5; Smith & Pritchard, 1956. "Usinger", Aquat. Ins. Calif.: 137.

Hetaerina auripennis (Burmeister, 1839) Selys, 1853

Santos, 1970. Atas Soc. Biol. Rio de J. 13(3-4): 115 - 117.

Hetaerina brightwelli (Kirby, 1823) Selys, 1853

Santos, 1971. Atas Soc. Biol. Rio de J. 15(2): 75 - 76, 3 figs.

Hetaerina capitalis Selys, 1873

Marmels, 1985. Odonatologica 14(3): 182, Figs. 11 - 16.

Hetaerina dominula Selys, 1853

Geijskes, 1943. Ann. Ent. Soc. Amer. 36(2): 168, Pl. 11, Figs. A - G.

Hetaerina hebe Selys, 1853

Santos, 1970. Atas Soc. Biol. Rio de J. 14(3-4): 89 - 90, 7 figs.

Hetaerina macropus Selys, 1853

Geijskes, 1946. *Trans. R. Ent. Soc. Lond.* 97(9): 223 - 225, Fig. 1(A-G).

Hetaerina moribunda Selys, 1853

Geijskes, 1943. *Ann. Ent. Soc. Amer.* 36: 171 (suposição); Geijskes, 1946. *Trans. R. Ent. Soc. Lond.* 97(9): 225 (chave).

Hetaerina titia (Drury, 1773) Selys, 1853

Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.* 1(1): 39 (chave), 160-163; Wright & Shoup, 1945. *J. Tenn. Acad. Sci.* 20(3): 270; Geijskes, 1946. *Trans. R. Ent. Soc. Lond.* 97(9): 225 (chave) (como *H. titia dominula*); Hagen, 1880. *C. R. Soc. ent. Belg.* 23: 66 (sem descrição).

Hetaerina sp.

Hagen, 1880. *C. R. Soc. ent. Belg.* 23: 66 (sem descrição).

Hetaerina sp.

Geijskes, 1943. *Ann. ent. Soc. Amer.* 36: 171 - 172.

MNESARETE Cowley, 1934

Mnesarete pudica (Selys, 1853) Cowley, 1934

Santos, 1970. *Atas Soc. Biol. Rio de J.* 13(5-6): 157 - 158, (ref. sem descrição).

AMPHIPTERYGIDAE

Amphipteryx Selys, 1853

Amphipteryx sp.

Lieftinck, 1971. *Abstr. first Eur. Symp. Odonatol.*, Gent: 31 (notas sem descrição).

RIMANELLA Needham, 1934

Lieftinck, 1971. *Abstr. first Eur. Symp. Odonatol.*, Gent: 31.

Rimanelia arcana (Needham, 1933) Needham, 1934

Geijskes, 1940. *Rev. Ent. R. Janeiro* 11: 173, 179, 8 figs.

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HELIOCHARITIDAE

DICTERIAS Selys, 1853

Dicterias cothurnata (Foerster, 1906) Calvert, 1948

Geijskes, 1986. *Odonatologica* XV(1): 77-80, Fig. 1 (A-H).

HELIOCHARIS Selys, 1853

Heliocharis amazona Selys, 1853

Santos, 1981. VIII Congr. Brasil. Zool., Brasília, Resumos: 43 - 44. (imagem eclodido).

POLYTHORIDAE

CHALCOPTERYX Selys, 1853

Chalcopteryx rutilans (Rambur, 1842)

Santos, 1984. Resum. XI Congr. Brasil. Zool., Belém, Pa.: 158 - 160.

CORA Selys, 1853

Hagen, 1880. *C. R. Soc. ent. Belg.* 23: 66; Hagen, 1885. *C. R. Soc. ent. Belg.* 33:66 (su-
posição); Calvert, 1911. *Ent. News* 22: 49 - 61, Pls. II e III (*Cora chirripa* ?).

Cora chirripa Calvert, 1907

Calvert, 1911. *Ent. News* 22: 49 - 61, Pls. II e III (como *Cora* sp.); Paulson, 1982. *Aquat.*
Biot. Mex. C. A. e W. I.: 250.

Cora cyanea Selys, 1853

Marmels, 1982. A La náyade de *Cora cyane* Selys, 1853 (Odonata: Polythoridae). *Boln.ent.*
venezol. N. S. 2(13): 107 - 110, 8 figs.

Cora marina Selys, 1869

Hagen, 1880. *C. R. Soc. ent. Belg.* 23: 66 (sem descrição) (suposição).

Thorinae sp.

Needham, 1922. **Ent. News** 33: 264 - 265, 2 figs.

PSEUDOLESTIDAE

HYPOLESTES Gundlach, 1888

Klots, 1932. **Sc. Surv. P. Rico** 14(1): 75 (chave).

Hypolestes clara (Calvert, 1891) Kennedy, 1920

Needham, 1911. **Ent. News** 22: 151 - 152, Pl. V, Figs. 8 - 12 (como **Ortholestes**); Needham, 1941. **J. Agric. Univ. P. Rico** 25(3): 2 - 5, Fig. 1.

THAUMATONEURA McLachlan, 1897

Calvert, 1915. **Ent. News** 26: 295 - 304, 385 - 395, 435 - 447, 2 figs. no texto, Pls. XI, XV, XVI, XVII.

COENAGRIOIDEA, COENAGRIONIDAE

Calvert, 1893. **Trans. Am. Ent. Soc.** 19: 225 (chave, como Agrioninae); Needham & Hart, 1901. **Bull. Ill. St. Lab. N. H.** VI (A 1): 25 (como Agrionidae); Needham, 1903. **Bull. N. St. Y. Mus.** 68: 220 (chave, como Agrionidae); Rousseau, 1909. **Ann. Biol. Lac.** 111: 342 (chave), 350 - 351 (como Agrionidae); Rousseau, 1921. **Aquat. Ins. Eur.** 109 (chave), 153-155 (como Agrionidae); Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 35 (chave), 36; Needham & Heywood, 1929. **Hdb. Dragfls. N. Amer.** 257 (chave), 267, 280; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 38 (chave), 163; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 74, 75 (chave), 182; Wright & Peterson, 1944. **Ohio J. Sci.**:152(chave); Cole, 1947. **J. Tenn. Acad. Sci.** 22: 29 (chave); Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.**: 111 (chave), 142; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.** 922 (chave, como Agrionidae); Westfall, 1978. "in Merritt & Cummins" **Aquat. Ins. N. Am.**: 85 (como Agrionidae).

ACANTHAGRION Selys, 1876

Acanthagrion adustum Williamson, 1916

Geijskes, 1943. **Ann. Ent. Soc. Amer.** 36: 180 - 182, Pl. VI.

Acanthagrion ascendens Calvert, 1909

Geijskes, 1941. *Ann. Ent. Soc. Amer.* 34: 724 - 728, Fig. 3 (A - F).

Acanthagrion cuneatum Selys, 1876

Santos, 1970. *Atas Soc. Biol. Rio de J.* 13(5-6): 157 (sem descrição).

Acanthagrion gracile (Rambur, 1842) Selys, 1876

Santos, 1970. *Atas Soc. Biol. Rio de J.* 121(3-4), 219; Santos, 1970. *Atas Soc. Biol. Rio de J.* 13(5-6): 157 (sem descrição).

Acanthagrion indefensum Willianson, 1916

Geijskes, 1943. *Ann. Ent. Soc. Amer.* 36: 182 - 184, Pl. VII, Figs. A - G.

Acanthagrion peruvianum Leonard, 1977

Lien & Tsai, 1986. *Odonatologica* XV(1): 108 - 112 (ninfã predadora de anofelíneos, eclogida mas não descrita).

Acanthagrion sp.

Cowley, 1939. *Mem. Mus. H. N. Belg.* (2ª série): 15: 145 - 146, Figs. 13 - 18.

AEOLAGRION Willianson, 1917

Aeolagrion demerarum Williamson, 1917

Geijskes, 1941. *Ann. Ent. Soc. Amer.* 34: 722 - 724, Fig. 2 (A - F).

ANDINAGRION Bulla, 1973

Andinagrion peterseni (Ris, 1908) Bulla, 1973

Bulla, 1973. *Physis* 32: 520; Bulla, 1973. *Rev. Mus. La Plata (N.S.) Zool.* 112: 21 - 23, 24, Figs. 10 - 15 (como *Oxyagrion*).

Andinagrion saliceti (Ris, 1904) Bulla, 1973

Bulla, 1973. *Physis* 32: 520.

ANOMALAGRION Selys, 1857

Needham, 1903. **Bull. N. Y. St. Mus.** 68: 237 (chave); Garman, 1917. **Bull. Ill. St. Lab. N. H.** 12(4): 500 (chave), 575; Howe, 1921. **Mem. Thoreau Mus. N. H.** 11: 114; Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 37 (chave), 38; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 283 (chave), Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 39 (chave), 189; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 83 (chave), 99; Needham, 1951. **Fresh-Water Biol.** 20, Pl. VII, Fig. 10; Walker, 1953. **Odon. Canada e Alaska** 1:274; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 142 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.:** 925 (chave).

Anomalagrion hastatum (Say, 1839) Selys, 1857

Needham, 1903. **Bull. N. Y. St. Mus.** 68: 263, Pl. 18, Fig. 7; Garman, 1917. **Ill. St. Lab. N. H.** 12(4): 575, Fig. 60; Howe, 1921. **Mem. Thoreau Mus. N. H.** 11: 114, Pl. 10; Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 39; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 357; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 39 (chave), 190-191; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 101, Pl. VII, Fig. 2a-2b; White, 1948. **Trans. R. Canad. Inst.** 27(57): 16; Needham, 1949. **Ecology** 30: 457; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** Fig. 4, 82 j.

ANTIAGRION Ris, 1904

Needham & Bullock, 1943. **Field Mus. N. H. Zool.** 24: 360 (chave).

Antiagrion sp.

Needham & Bullock, 1943. **Field Mus. N. H. Zool.** 24: 370-371, Fig. 30, n^o 10 - 14.

ARGENTAGRION Fraser, 1948

Argentagrion ambiquum (Ris, 1904) Fraser, 1948.

Bulla, 1970. **Rev. Soc. Ent. Arq.** 32 (1-4): 95 - 97, Figs. 1 - 6, p. 97, Fig. 2.

Argentagrion nepos (Selys, 1876) Donnelly, Pastor Alayo, 1966

Calvert, 1948. **Bolm. Mus. Nac. Rio de J. (N.S.) Zool.** 87: 9 - 10 (como *Ischnura*).

ARGIA Rambur, 1842

Needham, 1903. **Bull. N. Y. St. Mus.** 68: 237 (chave), 237 - 240; Garman, 1917. **Bull. Ill. Catálogo bibliográfico ...**

Argia sedula (Hagen, 1861) Selys, 1865

Seeman, 1927. *J. Ent. Zool.* 19: 8, 12, Fig. 3; Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.* 1(1): 39 (chave), 175 - 176; Whitehouse, 1948. *Trans. R. Canad. Inst.* 27 (57): 10; Walker, 1953. *Odon. Canada e Alaska* 1: 144, Pl. 37, Fig. 4; Pl. 39, Fig. 4; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 145 (chave).

Argia sordida Selys, 1865

Santos, 1968. *Atas Soc. Biol. Rio de J.* 11(6): 227 - 228, 5 figs.

Argia translata Selys, 1865

Needham, 1903. *Bull. N. Y. St. Mus.* 68: 240 (chave); Howe, 1921. *Mem. Thoreau Mus. N.H.* 11: 110; Garman, 1927. *Conn. St. Geol. Nat. Hist. Surv. Bull.* 39: 90; Broughton, 1928. *Can. Ent.* 60: 34, Figs. 8 - 10; Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.* 1(1): 39 (chave), 177 - 178; Geijskes, 1946. *Trans. R. ent. Soc. Lond.* 97(9): 226, 228, Fig. 2 (A-K); Whitehouse, 1948. *Trans. R. Canad. Inst.* 27 (57): 9; Walker, 1953. *Odon. Canada e Alaska* 1: 147, Pl. 37, Fig. 5; Pl. 39, Fig. 5.

Argia violacea (Hagen, 1861) Selys, 1865

Needham, 1903. *Bull. N. Y. St. Mus.* 68: 240 (chave), 243 - 244; Lyon, 1915. *Ent. News* 26: 4; Garman, 1917. *Bull. Ill. St. Lab. N. H.* 12(4): 502 (chave), 515; Howe, 1921. *Mem. Thoreau Mus. N. H.* 11: 110, Pl. IV, il; Whitehouse, 1948. *Trans. R. Canad. Inst.* 27(57): 10; Walker, 1953. *Odon. Canada e Alaska* 1: 147, Pl. 37, Fig. 5; Pl. 39, Fig. 5.

Argia vivida Selys, 1865

Kennedy, 1915. *Proc. U. S. Nat. Mus.* 49: 294 - 295, Figs. 37 - 38, 71-76; Needham, 1917. *Bull. Ill. St. Lab. Nat. Hist.* 12: 502 (chave), 503 - 504, Fig. 67; Seeman, 1927. *J. Ent. Zool.* 19: 12; Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 293; Whitehouse, 1948. *Trans. R. Canad. Ins.* 27 (57): 10; Walker, 1953. *Odon. Canada e Alaska* 1: 151, Pl. 37, Figs. 6, 8; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 145 (chave).

CERATURA Selys, 1876

Klots, 1932. *Sc. Surv. P. Rico* 14(1): 83 (chave), 89 (suposição); Geijskes, 1941. *Ann. Ent. Soc. Amer.* 34(4): 729.

Ceratura capreola (Hagen, 1861) Selys, 1876

Geijsles, 1941. *Ann. Ent. Soc. Amer.* 34(4): 729, Fig. 5.
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CYANALLAGMA Kennedy, 1920

Cyanallagma bonariense (Ris, 1913) Rācenis, 1958

Bulla, 1973. **Rev. Soc. Ent. Argent.** 34(1-2): 102 - 104, Figs. 17 - 21.

Cyanallagma interruptum (Selys, 1876) Kennedy, 1920

Needham & Bullock, 1943. **Field Mus. N. H. Zool.** 24: 372 - 373, Fig. 30, nº 4 (como **Acanthagrion**); Bulla, 1973. **Rev. Soc. Ent. Argent.** 34(1-2): 98 - 100, Figs. 7 - 11.

Diceratobasis macrogaster (Selys, 1857) Kennedy, 1920

Laessle, 1961. **Ecology** 42(3): 512; Westfall, 1976. **Odonatologica** V(1): 66-67, Fig. 1.

ENACANTHA Donnelly & Pastor Alayo, 1966

Enacantha caribbea Donnelly & Pastor Alayo, 1966

Donnelly & Alayo, 1966. **Fla. Ent.** 49(2): 111 - 112, Fig. 2.

ENALLAGMA Charpentier, 1840

Needham, 1903. **Bull. N. Y. St. Mus.** 68: 237 (chave), 250 - 253; Rousseau, 1909. **Ann. Biol. Lac.** III: 56; Garman, 1917. **Bull. Ill. St. Lab. N. H.** 12(4): 500 (chave), 517-518 (chave spp.); Howe, 1921. **Mem. Thoreau Mus. N. H.** 11: 110, 196 - 200 (chave); Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 37 (chave), 54; Seeman, 1927. **J. Ent. Zool.** 19: 7 (chave), Fig. 4; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.**: 283 (chave), 313-314; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 39 (chave), 191 - 195; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 83 (chave), 95; Needham, 1941. **J. Agric. Univ. P. Rico** 25(3): 8 - 9; Needham, 1951. **Fresh-Water Biol.**: 20, Pl. VII, Fig. 8; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.**: 142 (chave), 149; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.**: 926 (chave).

Enallagma cardenium Selys, 1876

Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 194, 196; Needham, 1949. **Ecology** 30: 457.

Enallagma carunculatum Morse, 1895

Garman, 1917. **Bull. Ill. St. Lab. Nat. Hist.** 12: 518 (chave), 528 - 529, Fig. 70; Garman, 326

1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 57 (chave), 67; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 314; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 149, Fig. 4: 83-b.

Enallagma chelifерum (Selys, 1876) Santos, 1956

Needham, 1904. **Proc. U. S. Natn. Mus.** 27: 717, Pl. 43, Figs. 11-12 (como *Acanthagrion*).

Enallagma civile (Hagen, 1861) Selys, 1876

Needham & Cockerell, 1903. **Psyche** X: 137; Garman, 1917. **Bull. Ill. St. Lab. N.H.** 12 (4): 518 (chave), 531 - 532, Fig. 75; Garman, 1917. **Bull. Ill. St. Lab. Nat. Hist.** 12: 531 - 532, Fig. 75; Howe, 1921. **Mem. Thoreau Mus. N. H.** 11: 111; Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 57 (chave), 68 - 69; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 314; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 194, 197; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 95 (chave), 98; Garcia-Diaz, 1938. **J. Agric. Univ. P. Rico** 22: 79; Needham, 1941. **J. Agric. Univ. P. Rico** 25(3): 8 (chave); Whitehouse, 1948. **Trans. R. Canad. Inst.** 27 (nº 57): 14; Wolcott, 1951. **J. Agric. Univ. P. Rico** 32(1): 86; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 149 (chave), Fig. 4: 83-c.

Enallagma coecum (Hagen, 1861) Selys, 1876

Klots, 1932. **Sc. Surv. P. Rico** 14(1): 95 (chave), 98; Garcia-Diaz, 1938. **J. Agric. Univ. P. Rico** 22: 79 - 80, Pl. V, Figs. 6 e 7; Needham, 1941. **J. Agric. Univ. P. Rico** 25(3): 8 (chave), 10 - 12; Wolcott, 1951. **J. Agric. Univ. P. Rico** 32(1): 86.

Enallagma cultellatum Selys, 1876

Garcia-Diaz, 1938. **J. Agric. Univ. P. Rico** 22: 80 - 81, Pl. V, Figs 6 e 7; Needham, 1941. **J. Agric. Univ. P. Rico** 25(3): 8 (chave), 12 - 14; Wolcott, 1951. **J. Agric. Univ. P. Rico** 32(1): 86.

Enallagma doubledayi (Selys, 1850) Selys, 1876

Lyon, 1915. **Ent. News** 26: 4; Howe, 1921. **Mem. Thoreau Mus. N. H.** 11: 111; Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 57 (chave), 71; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 194; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 95 (chave); Needham, 1941. **J. Agric. Univ. P. Rico** 25(3): 8 (chave).

Enallagma praevarum (Hagen, 1861) Selys, 1876

Seeman, 1927. **J. Ent. Zool.** 19: 14, 15; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:**
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314; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 149 (chave).

Enallagma truncatum (Gundlach, 1889) Calvert, 1919

Needham, 1941. *J. Agric. Univ. P. Rico* 25(3): 8 (chave), 9 - 10, Fig. 4.

HESPERAGRION Calvert, 1902

Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 283 (chave), 303; Needham, 1951. *Fresh-Water Biol.* 20, Pl. VII, Fig. 8; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 142 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.*: 925 (chave).

Hesperagrion heterodoxum (Selys, 1868) Calvert, 1902

Needham, 1904. *Proc. U. S. Natn. Mus.* 27: 717 - 718, Figs. 9 - 10.

HYPONEURA Selys, 1854

Seeman, 1927. *J. Ent. Zool.*: 19: 7; Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 282 (chave), 284; Needham, 1951. *Fresh-Water Biol.* 18: Pl. VII, Fig. 2; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 142 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.*: 924 (chave).

Hyponeura lugens Hagen, 1861

Needham, 1904. *Proc. U. S. Natn. Mus.* 27: 715, Pl. 42, Fig. 5; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 143.

ISCHNURA Charpentier, 1840

Needham, 1903. *Bull. N. Y. St. Mus.* 68: 237 (chave), 259 - 260; Garman, 1917. *Bull. Ill. St. Lab. N. H.* 12(4):500 (chave Gen.), 567; Howe, 1921. *Mem. Thoreau Mus. N.H.* 11: 114; Garman, 1927. *Conn. St. Geol. Nat. Hist. Surv.* 39: 37 (chave), 40 - 41; Seeman, 1927. *J. Ent. Zool.* 19: 7 (chave), 15; Calvert, 1928. *Univ. Iowa Stud. N. H.* 12(2): 10-11; Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 283 (chave), 344; Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser.* 1(1): 39 (chave), 185; Klots, 1932. *Sc. Surv. P. Rico* 14(1): 89, (chave), 91; Needham & Bullock, 1943. *Field Mus. N. H. Zool.* 24: 360 (chave); Needham, 1951. *Fresh-Water Biol.*: 20, Pl. VII, Fig. 6; Walker, 1953. *Odon. Canada e Alaska* 1: 252-253; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 142 (chave), 151; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.*: 926.

***Ischnura cervula* Selys, 1876**

Walker, 1914. **Canad. ent.** 46: 355 - 356; Kennedy, 1915. **Proc. U. S. Nat. Mus.** 49: 309-310, Figs. 120, 121, 127 - 132; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 345; Smith & Pritchard, 1956. "Usinger", **Aquat. Ins. Calif.:** 151 (chave). Fig. 4: 92-a,b.

***Ischnura credula* (Hagen, 1861) Calvert, 1895**

Seeman, 1927. **J. Ent. Zool.** 19: 16; Calvert, 1928. **Univ. Iowa Stud. N.H.** 12(2):3; Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 39 (chave), 185-186; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 94; Geijskes, 1941. **Ann. Ent. Soc. Amer.** 34, 732-734, Fig. 6 A-F; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.** 151 (chave).

***Ischnura denticollis* (Burmeister, 1839) Hagen & Calvert, 1902**

Kennedy, 1917. **Proc. U. S. Nat. Mus.** 52: 505 - 507, Figs. 64 - 69; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 345; Smith & Pritchard, 1956. "Usinger", **Aquat. Ins. Calif.:**

***Ischnura ramburii* (Selys, 1850) Selys, 1876**

Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 41 (chave); Calvert, 1945. **Ent. News** 56, 116; Needham, 1949. **Ecology** 30: 457; Wolcott, 1951. **J. Agric. Univ. P.Rico** 32 (1): 85 - 86; Smith & Pritchard, 1956. "Usinger", **Aquat. Ins. Calif.** 151 (chave).

LEPTAGRION Selys, 1876

***Leptagrion andromache* Selys, 1876**

Santos, 1966. **Atas Soc. Biol. Rio de J.** 10(3): 83 (notas, sem descrição), (imago eclodido); Mesquita, 1982. **IX Congr. Brasil. Zool.**, Resumos, Porto Alegre: 178.

***Leptagrion elongatum* Selys, 1876**

Santos, 1966. **Atas Soc. Biol. Rio de J.** 10(3): 83 (notas, sem descrição), (imago eclodido).

***Leptagrion fernandezianum* Rācenis, 1958**

Marmels, 1985. **Boln. ent. venezol. N.S.** (1): 1 - 7, 9 figs.

Leptagrion macrurum (Burmeister, 1839) Selys, 1876

Santos, 1966. **Atas. Soc. Biol.** Rio de J. 10(3): 83 (notas, sem descrição); (imago eclodido).

Leptagrion perlongum Calvert, 1909

Santos, 1966. **Atas Soc. Biol.** Rio de J. 10(3): 83 (notas, sem descrição); (imago eclodido).

LEPTOBASIS Selys, 1877

Leptobasis vacillans Selys, 1877

Geijskes, 1941. **Ann. Ent. Soc. Amer.**: 34: 728 - 729, Fig. 4 A-F; Needham, 1941. **J. Agric. Univ. P. Rico** 25 (3): 16 - 17.

Leptobasis sp.

Needham, 1904. **Proc. U. S. Nat. Mus.** 27: 718 - 719, Fig. 11.

NEHALLENIA Selys, 1876

Garman, 1917. **Bull. Ill. St. Lab. Nat. Hist.** 12: 499 (chave); Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 37 (chave), 49; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.**: 282 (chave), 306; Smith & Pritchard, 1956. "Usinger", **Aquat. Ins. Calif.**: 142 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.**: 925.

Nehallenia minuta (Selys, 1857) Marmels, 1982

Argiallagma minutum (Selys, 1857) Selys, 1876

Garcia-Diaz, 1938. **J. Agric. Univ. P. Rico** 22: 67; 76 - 77, Pl. IV, Pl. V, Figs. 1, 3, Geijskes, 1943. **Ann. Ent. Soc. Amer.** 36: 174 - 177; Wolcott, 1951. **J. Agric. Univ. P. Rico** 32(1): 87 - 88, 1 fig.

OXYAGRION Selys, 1876

Needham & Bullock, 1943. **Field Mus. N. H. Zool.** 24: 364 (chave).

Oxyagrion basale Selys, 1876

Bulla, 1973. **Rev. Mus. La Plata (N.S.) Zool.** 112: 15 - 16, 24, Figs. 6 - 9; Costa, 1986. X Congr. Brasil. ent., **Resumos**, 17, Rio de Janeiro.

Oxyagrion chapadense Costa, 1978

Bulla, 1973. **Rev. Mus. La Plata (N.S.) Zool.** 112: 15 - 16, 24, Figs. 6 - 9 (como **O. basale**); Costa, 1986. X Congr. Brasil. ent., **Resumos**, 17, Rio de Janeiro.

Oxyagrion evanescens Calvert, 1909

Costa, 1979. **An. Soc. Ent. Bras.** 8(1): 163 - 166, 6 figs.

Oxyagrion hempeli Calvert, 1909

Bulla, 1973. **Rev. Mus. La Plata (N.S.) Zool.** 112: 20 - 21, 23, Figs. 21 - 25.

Oxyagrion impunctatum Calvert, 1909

Costa, 1980. **Resum. VI Congr. Brasil. Ent.**, Campinas, SP.: 10; Costa, 1981. **Bolm. Mus. Nac. Rio de J. (N.S.) Zool.** 301: 1 - 4, 5 figs.

Oxyagrion microstigma Selys, 1876

Costa, 1978. III Congr. Iatinam. Ent.; V Congr. Brasil. Ent. **Resumos**, 1p.; Costa, 1979. **Bolm. Mus. Nac. Rio de J. (N.S.) Zool.** 293, 4 p., 6 figs.

Oxyagrion rubidum (Rambur, 1842) Selys, 1876

Seeman, 1927. **J. Ent. Zool.** 19: 17; Needham & Bullock, 1943. **Field Mus. N. H. Zool.** 24: 371 - 372, Fig. 30, n° 3.

Oxyagrion simile Costa, 1978

Santos, 1966. **Atas Soc. Biol. Rio de J.** 10(4): 101 - 103, 4 figs. (como **O. brevistigma**).

Oxyagrion terminale Selys, 1876

Bulla, 1973. **Rev. Mus. La Plata (N.S.) Zool.** 112: 1215, 24, Figs. 1 - 5.

PROTALLAGMA Kennedy, 1920

Protallagma titicacae (Calvert, 1909) Kennedy, 1920

Bulla, 1972. *Neotropica* 18: 129 - 133.

TELEALLAGMA Kennedy, 1920

Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 283 (chave), 309; Needham, 1951. *Fresh-Water Biol.* 20, Pl. VII, Fig. 6; Smith & Pritchard, 1956. "Usinger", *Aquat. Ins. Calif.*: 142 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.*: 926 (chave).

Teleallagma daeckii (Calvert, 1903) Kennedy, 1920

Needham, 1904. *Proc. U. S. Natn. Mus.* 27: 715 - 716, Fig. 7 e Pl. 43, Fig. 13 (como **Telagrion**); Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 309; Byers, 1930. *Univ. Fla. Publ. Biol. Sci. Ser. I*(1): 194, 199; Huggins, 1984. *J. Kansas ent. Soc.* 57(2): 190 - 196 (como **Enallagma**).

TELEBASIS Selys, 1875

Seeman, 1927. *J. Ent. Zool.* 19: 7 (chave), Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.* 283 (chave); Klots, 1932. *Sc. Surv. P. Rico* 14(1): 83 (chave), 83 - 84; Needham, 1951. *Fresh-Water Biol.* 20, Pl. VII, Fig. 5; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 142 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.* 926 (chave).

Telebasis dominicanum (Selys, 1857) Kirby, 1890

Needham, 1904. *Proc. U. S. Natn. Mus.* 27: 718 (como *Leptobasis* sp.); Klots, 1932. *Sc. Surv. P. Rico* 14(1): 86, Pl. VII, Fig. 3 A.

Telebasis salva (Hagen, 1861) Kirby, 1890

Needham, 1904. *Proc. U. S. Natn. Mus.* 27: 716 - 717, Fig. 8; Needham & Heywood, 1929. *Hdb. Dragfls. N. Am.*: 305 - 306; Geijskes, 1943. *Ann. Ent. Soc. Amer.* 36: 178; Smith & Pritchard, 1956. "Usinger", *Aquatic Ins. Calif.*: 145.

Telebasis sanguinalis Calvert, 1909

Geijskes, 1943. *Ann. Ent. Soc. Amer.* 36: 177 - 179, Pl. V, Figs. A - H.

Telebasis vulnerata (Hagen, 1861) Kirby, 1890

García-Díaz, 1938. *J. Agric. Univ. P. Rico* 22: 81 - 82, Pl. V, Figs.8,9; Wolcott, 1951. *J. Agric. Univ. P. Rico* 32(1): 85; Geijskes, 1943. *Ann. ent. Soc. Amer.* 36: 178.

Telebasis willinki Fraser, 1948

Bulla, 1970. *Rev. Soc. Ent. Arg.* 32 (1-4): 92-95, Figs. 1 - 6, p. 97, Fig. 1.

MEGAPODAGRIONIDAE

HETERAGRION Selys, 1862

Heteragrion aurantiacum Selys, 1862

Santos, 1968. *Atas Soc. Biol. Rio de J.* 12(1): 13 - 15, 4 figs.

Megapodagrion venale (Selys, 1862) Selys, 1886

Marmels, 1982. *BoIn. ent. venezol.* N.S. 2(10): 90 - 91, Figs. 1 - 7.

OXYSTIGMA Williamson, 1919

Oxystigma petiolatum (Selys, 1862) Williamson, 1919

Geijskes, 1942. *Ann. ent. Soc. Amer.* 36: 165 - 168, Pl. 1, Figs. A - H.

PHILOGENIA Selys, 1862

Philogenia cassandra Selys, 1862

Marmels, 1982. *BoIn. ent. venezol.* N. S. 2(10): 91 - 92, Figs. 8 - 11

PROTONEURIDAE

Westfall, 1978. "in Merritt & Cummins", *Aquat. Ins. N. Am.*: 85.

IDIONEURA Selys, 1860

Idioneura ancilla Selys, 1860

Santos, 1969. *Atas Soc. Biol. Rio de J.* 12(5-6): 265 - 268, 7 figs.

MICRONEURA Selys, 1886

Microneura calligata Selys, 1886

Westfall, 1964. *Quart. J. Fla. Acad. Sci.* 27(1): 77 - 79, Fig. 2.

NEONEURA Selys, 1860

Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, *Fresh-Water Biol.*: 925 (chave).

Neoneura carnatica Selys, 1886

Needham, 1939. *Ent. News* 50: 241 - 245, 6 figs.

Neoneura joana Williamson, 1917

Geijskes, 1954. *Ent. News* 65: 141 - 144, 1 Pl.

Neoneura maria (Scudder, 1886) Selys, 1886

Westfall, 1964. *Quart. J. Fla. Acad. Sci.* 27(1): 80 - 82, Fig. 3.

PERISTICTA Selys, 1860

Peristicta aeneoviridis Calvert, 1909

Santos, 1972. *Atas Soc. Biol. Rio de J.* 15(3): 149 - 150, 6 figs.

ROPPANEURA Santos, 1964

Roppaneura beckeri Santos, 1964

Machado, 1976. *Cien. Cult. São Paulo* 28(7): 895 - 896 (dados ecológicos); Machado, 1977.

Abst. Pap. 4th. Int. Symp. Odonat.: resumo; Machado, idem: 12(resumo); Machado, 1981.

Resum. VIII Congr. Brasil. Zool., Brasília: 41 - 42; 149 - 150.

PROTONEURA Selys, 1857

Protoneura ailsa Donnelly, 1961

Novello Gutierrez, 1986. *Odonatologica* XV(1): 132 - 133.

PSEUDOSTIGMATÍDAE

Klots, 1932. *Sci. Surv. P. Rico* 14(1): 75 (chave).

MECISTOGASTER Rambur, 1842

Mecistogaster amalia (Burmeister, 1839) Selys, 1890

Machado, 1985. *Abstr. Pap. VIII Int. Symp. Odonatol.*, Paris (35).

Mecistogaster linearis Fabricius, 1777

Fincke, 1984. *Adv. Odonatol.* 2: 21 - 22 (notas sobre ninfas e imagos sem descrição).

Mecistogaster martinezi Machado, 1985

Machado & Martinez, 1982. *Odonatologica* 11: 16, Fig. 1 (oviposição em oco de árvore) (como *M. jocaste*).

Mecistogaster modesta Selys, 1860

Calvert, 1910. *Ent. News* 21: 365 - 366; Calvert, 1911. *Ent. News* 22: 402 - 411, 449-460, Pls. 17 e 18; Picado, 1913. *Bull. Scient. France Belgique* 47: 346 - 347, Fig. 46.

Mecistogaster ornata Rambur, 1842

Fincke, 1984. *Adv. Odonatol.* 2: 21 - 22 (notas sobre imagos e ninfa, mas sem descrição).

MEGALOPREPUS Rambur, 1842

Megaloprepus coeruleus (Drury, 1782) Rambur, 1842

Young, 1980. *Biotropica* 12: 237 - 239 (oviposição); Young, 1981. *Tombo* 23: 17 - 21 (oviposição); Fincke, 1984. *Adv. Odonatol.* 2: 13 - 23, 3 diagr. (biologia da reprodução, notas sobre as ninfas mas sem descrição).

MICROSTIGMA Rambur, 1842

Microstigma sp.

Santos, 1981. *Aquat. Biota S. Am.*: 66 (ninfa não descrita, em água acumulada em cascas de castanha do Pará) (imago eclodido).

LESTINOIDEA, LESTIDAE

Needham, 1903. **Bull. N. Y. St. Mus.** 68: 220 (chave); Rousseau, 1909. **Ann. Biol. Lac.** 111: 342 (chave), 346 - 349; Rousseau, 1921. **Ins. Aquat. Eur.** 108 (chave), 148, 149; Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 36 (chave), 93; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 267 (chave), Klots, 1932. **Sci. Surv. P. Rico** 14(1): 75 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.:** 924; Westfall, 1978. "in Merritt & Cummins", **Aquat. Ins. N. Am.:** 85.

ARCHILESTES Selys, 1862

Seeman, 1927. **J. Ent. Zool.** 19: 7 (chave), 8 fig. 1; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 268 (chave); Needham, 1951. **Fresh-Water Biol.** 18, Pl. VII, Fig. 4; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 138 (chave); Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.** 924 (chave).

Archilestes californica McLachlan, 1895

Kennedy, 1915. **Proc. U. S. Nat. Mus.** 49: 268 - 269, Figs. 22 - 26; Smith, Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 269; Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 139 (chave), Fig. 4: 64, 65.

Archilestes grandis (Rambur, 1842) Selys, 1862

Needham, 1904. **Proc. U. S. Natn. Mus.** 27: 712 - 713, Pl. 42, Fig. 3 r Pl. 43, Fig. 27; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 269; Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.:** 139 (chave).

LESTES Leach, 1815

Needham, 1903. **Bull. N. Y. Mus.** 68: 228 - 232; Rousseau, 1909. **Ann Biol. Lac.** 111: 348 (chave), Rousseau, 1921. **Ins. Aquatic Eur.** 148 - 151; Garman, 1927. **Conn. St. Geol. Nat. Hist. Surv. Bull.** 39: 94; Seeman, 1927. **J. Ent. Zool.** 19: 7 (chave); Calvert, 1928. **Univ. Iowa Stud. N. H.** 12 (2): 7; Needham & Heywood, 1929. **Hdb. Dragfls. N. Am.:** 268 (chave); Byers, 1930. **Univ. Fla. Publ. Biol. Sci. Ser.** 1(1): 39 (chave); 164; Klots, 1932. **Sc. Surv. P. Rico** 14(1): 75 (chave), 76; Needham, 1941. **J. Agric. Univ. P. Rico** 25(3): 5 (chave); Needham & Bullock, 1943. **Field. Mus. N. H. Zool.** 24: 360 (chave); Needham, 1951. **Fresh-Water Biol.:** 18, Pl. VII, Fig. 3 (chave); Smith & Pritchard, 1956. "Usinger", **Aquatic Ins. Calif.** 138 (chave), 138; Gloyd & Wright, 1959. "Edmondson", Ward & Whipple, **Fresh-Water Biol.:** 924 (chave).

Lestes forficula Rambur, 1842

Calvert, 1928. **Univ. Iowa Stud. N. H.** 12(2): 3, 8-10; Pl. 1, Figs. 1 - 4, 11 - 14 (suspensão); Klots, 1932. **Sc. Surv. P. Rico** 14(1): 78, Pl. VII, Fig. 1; Needham, 1941. **J. Agric. Univ. P. Rico** 25(3), 5 (chave); Wolcott, 1951. **J. Agric. Univ. P. Rico** 32 (1): 84 - 85; Marmels, 1983. **BoIn. ent. Venez. N. S.** 2(19): 155 (record).

Lestes pictus, Selys, 1862

Santos, 1971. **Atas. Soc. Biol. Rio de J.** 15(2): 77 - 78, 5 figs.

Lestes scalaris Hagen, 1867

Needham, 1941. **J. Agric. P. Rico** 25(3): 5 (chave), 7 - 8, Fig. 3.

Lestes spumarius Selys, 1862

Needham, 1941. **J. Agric. Univ. P. Rico** 25(3): 5 (chave), 6 - 7, Figs. 2, 2a.

Lestes tenuatus Rambur, 1842

Geijskes, 1941. **Ann. Ent. Soc. Amer.** 34(4): 719 - 722, Fig. 1.

PERILESTIDAE

Perilestes Selys, 1862

Perilestes fragilis Selys, 1862

Santos, 1969. **Atas Soc. Biol. Rio de J.:** 12(5-6): 303 - 304, 4 figs.

PERISSOLESTES Kennedy, 1941

Perissolestes magdalena Will. & Williamson, 1924

Novello Gutierrez & Gonzales Soriano, 1986. **Odonatologica** XV(1): 123 - 133.

SYNLESTIDAE

Phyllolestes Christiansen, 1948

Phyllolestes ethelae Christiansen, 1948

Westfall, 1976. **Odonatologica** V(1): 70 - 71, Fig. 2.

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