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A LIST OF THE ODONATA TYPES DESCRIBED
BY F. C. FRASER, NOW IN THE
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BY

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British Museum (Natural History)

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SYNOPSIS

The types or syntypes of 379 taxa of the species-group are dealt with, of which the types of 19 taxa, which should have been in the Fraser Collection, have not yet been traced. Neotypes of a few taxa were marked by Fraser to replace types known to be lost or destroyed. Lectotypes are designated for 108 taxa.

INTRODUCTION

IN 1963, the British Museum (Natural History) received the important collection of Odonata bequeathed by Lt.-Col. F. C. Fraser. Since this collection contained the types of nearly two-thirds of the species he had described, apart from those which he had already presented to the BM (NH), it seemed desirable to list those which are now there, as well as others which should have been in Fraser's collection but which have not as yet been traced.

In 1957 he deposited in the Department of Entomology the greater part of his Odonata types, on permanent loan during his lifetime, to become the property of the Museum on his death. This proved to be a fortunate decision, since in the course of arranging these types certain discrepancies in labelling (locality, date, etc.) came to notice, and it was then possible to consult Fraser on general details; these discussions proved valuable in dealing with problems which arose after the remainder of his bequest reached the Museum.

It may be thought strange that such inaccuracies should have occurred, but Fraser, as an officer in the Indian Army Medical Service, was naturally subject to posting from one place to another at intervals, and his entomological work was only a hobby. In 1939 his collection suffered a more serious disturbance when, as a wartime precaution, he unmounted and re-papered most of his type-specimens. After the war, many of these were again relaxed and re-pinned and Fraser agreed that errors of re-labelling had occurred in a number of cases during that period. Cases were also found where he had placed type-labels on specimens in his collection,

although the actual types had already been presented to the BM (NH). Errors in locality labels were also discovered involving the types already presented to the BM (NH) by Fraser. Much of this material was in paper triangles when presented and errors have been due to faulty transcription of data written (not always very legibly) on the paper triangles. Where it is evident that such errors had occurred, new labels have been written, based upon the published data.

In common with other workers of his time, Fraser did not always mention or indicate a type-specimen in his earlier works. In preparing this paper, I have endeavoured to trace the first reference which can be taken as an indication or designation of a type-specimen, since the concept of lectotype was then unknown. For example, a statement such as "A pair in the British Museum, the male the type", made subsequent to the presentation of the specimens to the BM (NH), has been accepted as equivalent to designation of lectotype and the requisite reference has been quoted after the word Lectotype. Where LECTOTYPE is used, it denotes present designation, and in the absence of evidence to the contrary, I have accepted the specimen marked Type by Fraser as lectotype.

A number of Fraser's types, originally deposited in the collection of the Department of Agriculture at Pusa, were subsequently given to the then Imperial Bureau of Entomology and presented by that body to the British Museum (Natural History). These are indicated as "Ex Pusa Collection".

The recognition of the type-specimens of some taxa has been made difficult by the fact that, in some of Fraser's earlier species subsequently placed in synonymy, he apparently replaced the original determination labels with new ones, omitting any reference to the original name. Such types have in some cases only been recognizable by locality data or by some special individuality in structure.

In this paper, the names of the taxa of the species-group are listed alphabetically. Following the specific name is the original generic name and the reference by year and page. The status of the type is followed by the data on the various labels. In the case of manuscript labels, the authorship is indicated by initials as follows [label F.C.F.], [label D.E.K.] and [label T.B.F.], T. Bainbrigge Fletcher. Following the label data are any comments concerning these and finally the present status of the taxon, where it differs from the original combination. The names of taxa for which no types have been located in the Fraser collection are enclosed in square brackets.

LIST OF TYPES IN B.M. (N.H.)

abbreviata (ssp. of *Rhinocypha biforata*), 1928 : 454. Holotype ♂. *Rhinocypha delimbata abbreviata*, Shillong, Assam, 1927, T. B. F. [label F.C.F.]. Now *Heliocypha biforata abbreviata* (Fraser).

aculeata (*Macromia*), 1927 : 68-69. Holotype ♂. *M. aculeata*, Maymyo, Upper Burma, 25.v.25, Col. F. Wall [label F.C.F.].

adami (*Ceylonosticta*), 1933 : 211, fig. 6. LECTOTYPE ♂. Type. *C. adami*, Madugoda, Ceylon, 5.v.32, F. C. Fraser [label F.C.F.]. *Ceylonosticta adami*

- Fras. ♂, Lectotype, D. E. Kimmins det. 1964. Of the 7 ♂ and 1 ♀ syntypes listed, 6 ♂ and 1 ♀ have been traced. Now *Drepanosticta adami* (Fraser).
- adami** (*Libellago*), 1939 : 24, fig. 1. Holotype ♂. L. adami Fr., Haragama, Ceylon, 7.v.32, F. C. Fraser coll. [label F.C.F.].
- adjuncta** (race of *Polythore derivata*), 1946 : 18, fig. 1c. LECTOTYPE ♂. Umbria, 19.xi.30. P. derivata race adjuncta [label F.C.F.]. Allotype ♀. Same locality, 23.xi.30.
- africanus** (*Echinopterogomphus*), 1926 : 356, figs. 1-2, (♂); 1928a : 130, fig. 4 (♀). Holotype ♂ [imperfect]. West Africa, Sierra Leone, Port Lokko, 1.v.1912, J. J. Simpson. Echinopterogomphus africanus Fraser. Type. [label F.C.F.]. Allotype ♀. Lestinogomphus africanus ♀ (Fraser), Uganda, Hale Carpenter [label F.C.F.]. Now *Lestinogomphus africanus* (Fraser).
- albistigma** (*Ischnura*), 1927a : 27-28, fig. 51. Holotype ♂. Ischnura albistigma Fras. ♂ (Type). Coll. P. A. Buxton, Malololelei, Upolu Is., W. Samoa, 7.xii.25 [label F.C.F.].
- albistyla** (*Gynacantha*), 1927 : 75-76. Lectotype ♂ (Fraser, 1936 : 113). Pusa, 5.ix.24, Fletcher coll., in verandah. Gynacantha albistyla Fraser ♂ (Type) [label F.C.F.]. Allotype ♀. Pusa, 14.viii.24. Fletcher coll. On ceiling of bungalow verandah. Gynacantha albistyla Fraser ♀ Allotype [label F.C.F.]. Both ex Pusa Collection. Fraser records a single pair in the Pusa Collection, with date 5.ix.24, but this is surely an error, as the label on which he wrote ♀ Allotype is clearly dated 14.viii.24. Now *Acanthagyna albistyla* (Fraser).
- albofasciata** (*Lestes*), 1943 : 113-115, figs. 1-2. Holotype ♂. Lestes albofasciata Fraser, ♂ Type. Buru. det. F. C. Fraser. [label F.C.F.]. The label bears a printed date 1957 [one of Fraser's blank determination labels] which probably is an indication of the year in which the specimen was relaxed and re-labelled.
- ambigua** (race of *Polythore derivata*), 1946 : 19. LECTOTYPE ♂. Yumbatos, Peru, xi.32. P. derivata race ambigua [labels F.C.F.]. Allotype ♀. Same locality, x.32. P. derivata race ambigua [labels F.C.F.]. Specimens labelled Type and allotype by Fraser.
- anascephala** (*Drepanosticta*), 1933c : 114-115, fig. 2. Holotype ♂. Laos, Pu Tat. c. 1,200 m., in evergreen forest, 22.iv.1932, Dr. A. Kerr [label D.E.K.]. *Drepanosticta anascephala* Fraser ♂ Type, D. E. Kimmins det. 1963. The specimen labelled Type in Fraser's pinned collection did not agree in either date or locality with the published description. The true type was located in his papered collection and now bears my determination label.
- [**angularis** (*Lestes*), 1929 : 848-849.] The type has not been traced. It is stated to have been in the Pusa Collection (L. Burma, Minbu, 8.viii.1914), but it was not listed amongst the Pusa types presented to the BM (NH).
- annaimallaicus** (race of *Lamelligomphus nilgiriensis*), 1934 : 279, fig. 83b. LECTOTYPE ♂. Type. L. annaimallaicus, Mudis Hills, Coimbatore Dt, v.29,

F. C. Fraser coll. [label F.C.F.]. Fraser subsequently placed a type label on a ♀ from Munar, Travancore, 23.vi.31, S. India, F. C. Fraser [label F.C.F.] and this may be considered as allotype. It may be noted that the specific name is spelt "annamallaicus" in the original description but as it is spelt "annaimallaicus" in the legend of fig. 83b (two pages earlier), in the index and on the type label, the spelling over the original description should be considered as a printing error. Now *Onychogomphus nilgiriensis annaimallaicus* (Fraser).

***annaimallaiensis* (*Macromia*)**, 1931 : 452-453. Holotype ♂. Mudis Hills, 12.v.29, S. India, F. C. Fraser [label transcribed by D.E.K.]. *M. annaimallaiensis* ♂ [label F.C.F.]. Allotype ♀. *M. annaimallaiensis* ♀, Mudis Hills, 12.v.29. S. India, F. C. Fraser [label F.C.F.]. The holotype lacked a locality label when received from Fraser, though bearing type and determination labels, and as only two specimens were taken, the locality label was transcribed from that of the female.

***annandalei* (*Caconeura*)**, 1921 : 543. Lectotype ♂ (Fraser, 1924 : 503). India, Mahableshwar, 22.iv.1920, 4,500 ft., F. C. Fraser. *Caconeura annandalei* Fraser, Type-specimen [label F.C.F.]. Allotype ♀. Same data. Now *Prodasineura verticalis annandalei* (Fraser).

***anomala* (*Indolestes*)**, 1946a : 43-44, figs. 1c, 2e. Holotype ♂. *Indolestes anomala* Fraser, Dalat, Siam, 17.x.20, Type [label F.C.F.]. The locality given in the original description is Doun-moi, without date, but the specimen otherwise agrees. Now *Lestes (Indolestes) anomala* (Fraser).

***antelopoides* (*Protosticta*)**, 1931 : 467-468, figs. 5a-c. Holotype ♂. *P. antelopoides*, Munnar, W. Ghats, Travancore, 30.v.1931, F. C. Fraser [label F.C.F.]. Allotype ♀. Data as holotype. *Protosticta antelopoides* Fras., ♀, det. F. C. Fraser [2 labels D.E.K.]. This female is referred to as a paratype in the original description.

***apiaensis* (*Gynacantha*)**, 1927a : 35-36. Holotype ♂. *G. apiaensis*, Apia, W. Samoa, 16.iv.24, J. S. Armstrong [label F.C.F.]. Now *Acanthagyna apiaensis* (Fraser).

***apicalis* (*Chloroneura*)**, 1924 : 501-502, fig. 5. LECTOTYPE ♂. S. India, Coorg, Cauvery River, Fraserpet, 6.v.1923, Maj. F. C. Fraser. *C. apicalis* Fras. [label F.C.F.]. Allotype ♀. Coorg, 6.xi.23. Fraserpet, Cauvery. *C. apicalis* ♀ [label F.C.F.]. No types were specified in the original description nor in 1933b : 248-250. The above ♂ was sent to the BM (NH) as type. The allotype was so labelled by Fraser.

***apicalis* (*Gynacantha*)**, 1924a : 83. Holotype ♀. Lyallpur, Punjab, October 1921, Dutt coll. *Gynacantha apicalis* sp. nov. (Type) [label F.C.F.]. *Gynacantha apicalis* Fraser. Type ♀, Fraser det. 1922 [label F.C.F.]. Ex Pusa Collection. Now *Acanthagyna apicalis* (Fraser).

[***apicalis* (ssp. of *Hylaeothemis fruhstorferi*)**, 1924 : 430.] I have been unable to trace the types of this subspecies, unless the specimens in BM (NH), labelled as

types, have been given incorrect locality data by Fraser. The status of this subspecies is uncertain, as Fraser himself omits any reference to it in Fauna of British India, 1936, but in 1946c : 99 he refers to it as "race *apicalis*" of *H. indica*. See also *indica*, (*Hylaeothemis*).

aquicola (*Agriogomphus*), 1943a : 165. Holotype ♂. *Agriogomphus sylvicola* Selys, Allotype ♂, Iquitos, Peru, 10.iii.31, det. F. C. Fraser, 1943 [label F.C.F.]. *Agriogomphus aquicolor* Fras., ♂ Type, D. E. Kimmins det. 1964. This name was proposed conditionally by Fraser, and since it is earlier than 1960 (Art. 15 of Intern. Code), it must be considered as an available name. Fraser (loc. cit.) writes "Mr. J. E. Roberts, who has seen this supposed male allotype of *Agriogomphus sylvicola* from Peru, expresses his opinion that it would not be safe to associate it with the female *A. sylvicola* in view of the differences of locality, and suggests that a name should be given to it, which may be confirmed in the future if the male should be found to belong to different species; in adopting his advice, I suggest the name *Agriogomphus aquicola*." The specific name *aquicola* was included in the Zoological Record for 1943 as a new specific name and I have therefore placed my determination label on the specimen, so that it shall not be overlooked.

arachnoides (*Pseudocopera*), 1922 : 56, pl. 7, fig. 4. Holotype ♂. Margherita, 14-19.v.1920, Fletcher Coll. Margherita, 15.v.1920, *Copera arachnoides* Fraser, Type ♂ [labels T.B.F.]. Ex Pusa Collection. Syn. of *Platycnemis annulata* (Selys).

armageddoni (*Chlorocypha*), 1940 : 552, figs. 1, 3. LECTOTYPE ♂. East Africa, Buganda, 1927, G. Hale Carpenter. *C. armageddoni*, Type ♂ [label F.C.F.]. Allotype ♀. Same locality data. *C. armageddoni*, Allotype ♀ [label F.C.F.]. Syn. of *Platycypha lacustris* (Foerster).

armstrongi (*Amorphostigma*), 1925 : 433-434, fig. 3. LECTOTYPE ♂, allotype ♀. W. Samoa, Apia, 28.x.1923, J. S. Armstrong, ♂♀ in coitu. *Amorphostigma armstrongi* Fraser, Types.

armstrongi (ssp. of *Rhyothemis regia*), 1956 : 328, fig. 5. This subspecific name was proposed by Fraser for *Rhyothemis regia exul* Ris; Fraser, 1927. Fraser mentions no type specimens in his paper, nor have I found a specimen marked Type in his collection. I have therefore decided to designate as LECTOTYPE a ♂ from the Samoan Is., Tutuila Isl., Pago Pago, 2.xii.1924, P. A. Buxton and G. H. Hopkins, determined by Fraser as *Rhyothemis regia exul*. This specimen also bears Lieftinck's determination label *Rhyothemis regia chalcoptilon* (Brauer), of which species *R. r. armstrongi* Fraser has been placed as a synonym by Lieftinck. Syn. of *Rhyothemis regia chalcoptilon* (Brauer).

arthuri (*Mortonagrion*), 1942 : 97-98, figs. 1a, b. Holotype ♂. Malaya, Butterworth, 24.xi.1935, A. Wheeler. *Mortonagrion arthuri* sp. nov., ♂ Type. F. C. F.

asiatica (*Indophlebia*), 1935 : 323-324, fig. 2. Holotype ♀. Sikkim, Tonglu, 10,000 ft., 29.ix.1924. *Indophlebia asiatica* Fraser, Female Type.

[*assamica* (*Enallagma*), 1919 : 877-878.] The type is stated by Fraser (1933b : 343) to be in the BM (NH), but there is no record here that it was ever received. There are no examples in the Fraser collection marked as type, or even bearing the date of the type series (27.x.1918), but there are examples taken at Shillong on other dates in October, 1918. This may be another instance where an error has occurred in the published date of capture. Fraser's description is not very detailed and differs somewhat from these examples, and whilst they may have been part of the type-series, it seems better to record the type as "untraced". Syn. of *Aciagrion tillyardi* Laidlaw.

assamica (*Indolestes*), 1930 : 104. Holotype ♀. Type of *Indolestes assamica* Fras., Shillong, Assam, 27.x.1929. T. B. F. Symp. *assamica* ♀ (Fraser) [labels F.C.F.].

atrocyana (*Agrion*), 1935 : 330. LECTOTYPE ♂. Tonkin. *Pseudomatrona atrocyana* Fras., Mss., Type ♂ [label F.C.F.]. *Agrion atrocyana* Fras. ♂ Lectotype, D. E. Kimmins det. 1965. In his account of the species, Fraser mentions that he had provisionally named the species *Pseudomatrona atrocyana*, but later decided that it was not separable from *Agrion*. As a name published in synonymy, *Pseudomatrona* is not an available name. The remaining examples have been labelled paratypes.

attenuatum (*Aciagrion*), 1928a : 126-127. Holotype ♂. Africa, Nyasaland, Zomba, Colin Smee. *Aciagrion attenuatum* ♂ Fraser Type [labels D.E.K.]. Zomba, Nyassaland Protectorate, Coll. Mr. Colin Smee. *Aciagrion attenuatum* ♂ sp. nov. [labels F.C.F.].

atuberculata (*Macromia*), 1922 : 67-68. Holotype ♂. Hasimara, Duars, [Bengal], C. M. Inglis coll. 1920. *Macromia atuberculata* Fraser ♂, Type [label T.B.F.]. Ex Pusa Collection. Syn. of *Macromia flavocolorata* Fraser.

aurantiacum (*Ceriagrion*), 1924 : 492. LECTOTYPE ♂. Type. Nilgiris, 3,500 ft., Wynaad, 26.vii.1922. *Ceriagrion auranticum* Fras., ♂. Allotype ♀. Nilgiri Wynaad, Devarashola, 3,000 ft., 13.viii.1922, F. C. Fraser. *C. aurantiacum* ♀ allotype [label F.C.F.]. The specific name on the label of the lectotype is misspelt. Now *Ceriagrion olivaceum aurantiacum* Fraser.

auranticum (*Ceriagrion*), 1922a : 236-237. LECTOTYPE ♂. Bangkok, 20. viii.1921. Coll. Gen. E. W. Trotter. *Ceriagrion auranticum* ♂ [label on paper triangle, F.C.F.]. Of the three males listed by Fraser, this is the only example which I have been able to trace ; it was in his papered collection, without any type-label.

aurea (*Tetrathemis*), 1924a : 69-70, pl. 9, fig. 1. LECTOTYPE ♂. [L. Burma], Mergui, 28.ix.1922, Bott coll. *Tetrathemis aurea* ♂, Type. Fraser det. 1922 [labels F.C.F.]. Ex Pusa Collection. Syn. of *Tetrathemis platyptera* Selys.

auricolor (*Amorphostigma*), 1927a : 30-32, figs. 3c-d, 5iii. LECTOTYPE ♂. W. Samoa, Upolu, Malololelei, 14-30.vii.1925, J. S. Armstrong. *Amorphostigma auricolor* Fras. ♂ (Type) [label F.C.F.]. The remainder of the type series (1♂, 2♀) has not been traced.

- auricolor** (ssp. of *Caconeura dorsalis*), 1927 : 90. Holotype ♂. Upper Burma, Maymyo, 5.viii.1925, Col. F. Wall. *C. dorsalis auricolor* Fraser, ♂ Type [label F.C.F.]. Allotype ♀. Same data, *Caconeura dorsalis auricolor* Fraser ♀ [label D.E.K.]. Now *Prodasineura auricolor* (Fraser).
- auricolor** (*Gomphus*), 1926c : 482. Holotype ♀. Tonkin, Ngaio-Tio, 4,800 ft., 5.iv.1924, H. Stevens. *Gomphus auricolor* sp. nov. ♀, Type [label F.C.F.].
- auricolor** (var. of *Notiothemis jonesi*), 1944 : 40-42, fig. 2a. Holotype ♂. *Notiothemis jonesi* var. *aureus* Fras., Uganda, 3.xii.1927. Det. F. C. Fraser [label F.C.F.]. The name *aureus* on the label may be an error of transcription from the paper envelope.
- autumnalis** (*Caconeura*), 1922 : 43. Holotype ♂. Assam, Shillong, 14.x.1919, T. B. Fletcher. *Caconeura autumnalis*, Type [label T.B.F.]. *Disparoneura autumnalis* ♂. T. B. F., Shillong, 14.x.1919 [label F.C.F.]. Now *Prodasineura autumnalis* (Fraser).
- azureum** (*Aciagrion*), 1922 : 51. Holotype ♂. [Assam], Margherita, 18.v.1920, Fletcher coll. *Aciagrion azureum* sp. nov. [label F.C.F.]. *Aciagrion azureum* Fraser, ♂ Type, Fraser det. 1921 [label T.B.F.]. Ex Pusa Collection.
- bainbriggei** (*Gynacantha*), 1922 : 75-76. Holotype ♂. Gauhati, in bamboo jungle, 18.x.1919, Fletcher coll. *Gynacantha bainbriggei* Fraser, Type [labels T.B.F.]. The specimen is rather bleached, confirming that it is the type, which was a spirit specimen. Now *Acanthagyna bainbriggei* (Fraser).
- bakeri** (*Ceriagrion*), 1941 : 62-63, fig. B, 1. LECTOTYPE ♂. Uganda, Gulu, Patiko, 23.vii.1929, G. D. Hale Carpenter. Type of *C. bakeri* sp. n. [label F.C.F.].
- beatifica** (ssp. of *Rhinocypha perforata*), 1927 : 86-87, fig. 5. Lectotype ♂ (Fraser, 1934 : 45). *R. perforata limbata*, Mugba [Nungba], Naga Hills, 8.iv.1924, Dr Annandale. *R. perforata beatifica* Fras. [labels F.C.F.]. Right hand wings missing. In 1927 : 87, Fraser says "one in my own collection, one in Pusa" and in 1934 he remarks "Type in Fraser collection", which is equivalent to a designation of lectotype.
- beesoni** (*Rhinocypha*), 1922 : 61-63. Holotype ♂. *R. beesoni*, Lachiwala, Dehra Dun Dt, N. India, 18.xi.1920, F. C. Beeson [label F.C.F.]. Now *Heliocypha beesoni* (Fraser).
- bellicosa** (*Macromia*), 1924 : 453-454, pl. 25, fig. 9. Lectotype ♂ (Fraser, 1936 : 177). India, Coorg, Cannanore Ghat, 28.v.1923, Maj. F. C. Fraser. *Macromia bellicosa* ♂ Type [label F.C.F.].
- bicolor** (race of *Chlorocypha curta*), 1941a : 39. The position of this race-name is confused. Fraser refers to it as a "provisional Mss name" for a race of *curta*, which he distinguished by the paired black spots on abdominal segments 3 to 5 being confluent with the moderately broad apical black rings. Pinhey, 1962 : 148¹

¹ Pinhey, E. 1962. *Publ. cult. Cia Diamant. Angola*, 59.

gives the locality as Bagang (Cameroons), but this is an error, since Fraser implies that the pair from this locality are typical of *curta*. As far as I know, Fraser never gave the locality of his race *bicolor*. There is in the BM (NH) a ♂ specimen from Uganda, which is marked by Fraser as *Chlorocypha bicolor* sp. n. Neither this nor two paratypes from Uganda agree with his diagnosis, all having the paired spots on segments 3-5 separated from the apical rings and appear to be normal *curta*. I propose therefore that *C. bicolor* Fraser, 1941 be placed as a synonym of *C. curta* (Selys), **syn. n.**

***bicornutus* (*Gomphus*)**, 1922 : 72-73. Holotype ♀. Shillong, 18.vi.1920, Fletcher coll. Hovering over stream. *Gomphus bicornutus* ♀ Type. Fraser det. 1921 [label T.B.F.]. Ex Pusa Collection. Now *Megalogomphus bicornutus* (Fraser).

***bidentatum* (*Ceriagrion*)**, 1941 : 64-66, fig. B, 3. Holotype ♂, allotype ♀. Uganda, Budama, x.1927, G. D. Hale Carpenter [label D.E.K.]. *Ceriagrion bidentatum* Fraser [label F.C.F.]. The locality written on the paper envelopes by Fraser was Entebbe, but the published locality was Budama.

***bidentatus* (*Leptogomphus*)**, 1930a : 752-753, 2 figs. LECTOTYPE ♂. Type. *Leptogomphus bidentatus* ♂, Shillong, Assam, 21.vii.28, T. B. F. [label F.C.F.]. Allotype ♀. Same data. Both specimens are labelled 21 instead of 19 July as published. Now *Dubitogomphus bidentatus* (Fraser).

***bifenestrata* (*Rhinocypha*)**, 1922 : 63, pl. 8, fig. 2. Holotype ♂. Mangpu [Darjiling Dt], 3,860 ft., 30.viii.1920, *Rhinocypha bifenestrata* Fraser, ♂ Type [label T.B.F.]. Ex Pusa Collection.

***bifida* (*Tetrathemis*)**, 1941b : 138-140, figs. 1-3. LECTOTYPE ♂. Uganda, Bwamba Valley, Kidongo, 6.i.1928, G. Hale Carpenter [label D.E.K.]. *Tetrathemis bifida* Fras., ♂ [label F.C.F.]. The published date of capture is 7.i.1928.

***biguttata* (*Cephalaeschna*)**, 1935 : 321-322. Holotype ♂. *C. assamica*, Shillong, Assam, 18.v.1924, T. B. Fletcher [label F.C.F.]. This specimen agrees with the diagnosis of *biguttata* and I believe that Fraser changed the name of this species before publication and did not correct the label. I consider it to be the holotype of *C. biguttata*.

***biharica* (*Gynacantha*)**, 1927 : 74-75. Holotype ♂. India, Bihar, Pusa, 7.viii.1924, T. B. Fletcher. *Gynacantha biharica* Fraser sp. n. ♂. Ex Pusa Collection. Now *Acanthagyna biharica* (Fraser).

***bilineata* (*Melanoneura*)**, 1922 : 55. Holotype ♀. Sidapur, Coorg, 25.iv.1919, Y. R. Rao coll. *Melanoneura bilineata* ♀ Type, F. C. F. det. 1921. Ex Pusa Collection. It should be noted that there are a few discrepancies between this specimen and the description. Firstly, it is a female, as labelled by Fraser, not a male as in the description. Secondly the abdomen, lacking the last four segments, measures 30 mm., not 23 mm., and thirdly, Fraser does not mention the transverse blue band on the face. I consider it to be conspecific with later material placed by Fraser as *M. bilineata*. There is in the BM (NH) a further complete ♀ taken by

Fraser at Coorg, which has been labelled by him as cotype. This is incorrect, as the species was based upon a single example.

[*binocellata* (*Agriocnemis*), 1922a : 233]. Location of unique type ♂ not stated. Not traced in Fraser Collection, where types of two of the five species described in this paper have been located.

binocellata (*Macromia*), 1924 : 451-452. When checking the Fraser types deposited at the BM (NH) in 1958, I discovered that the specimens labelled as ♂ and ♀ types of *M. binocellata* were in fact the types of *Epophthalmia frontalis malabarensis* Fraser, a species synonymous with *M. binocellata*. In answer to my query about this, Fraser wrote me (1.ii.1958) "Inglis [the collector] was essentially an ornithologist and his only collections were on my behalf, with the proviso that duplicates and types should be reserved for the [Darjeeling] Museum. He is dead now and when he left Darjeeling to settle in the Nilgiris in 1936, he sent me one type in fragmentary condition and said that his assistant had apparently not looked at the collections for some time as clothes moths and anthrenids had got at them and they were all in bits and pieces."

Fraser then suggested that a Malabar specimen of *M. frontalis malabarensis* be selected as Neotype of *M. binocellata* and sent me a printed label to be attached to the specimen in question. This label was based upon his mistaken belief that the International Code required that the neotype be deposited in the original museum (a policy to which he was strongly opposed). Since this is not the case there was no point in retaining the whole of his label and it has been cut down to "Type destroyed. Neotype" and supplemented by a label in my handwriting. I take this opportunity of publishing Fraser's selection of a NEOTYPE for *M. binocellata* Fraser.

Epophthalmia frontalis malabarensis Fraser has since 1936 been considered a synonym of *E. frontalis binocellata* Fraser and the selection of the type of *malabarensis* as the neotype of *binocellata* will maintain this usage. A full diagnosis of the subspecies is given in Fraser, 1936 : 199-201, fig. 62.

The labels on the NEOTYPE are : *E. binocellata* ♂, Waliyar Gt, S. Malabar, 11.ix.32, F. C. Fraser [label F.C.F.]. *Epophthalmia frontalis malabarensis* Fras., ♂ Type, det. D. E. Kimmins, 1958. Selected by Fraser, 1958 as NEOTYPE of *Macromia binocellata* Fraser [label D.E.K.]. Type destroyed. Neotype. Now *Epophthalmia frontalis binocellata* (Fraser).

bispina (*Macromia*), 1954 : 49-52, fig. 2 (5). Holotype ♂. Bwamba Forest, 2,400 ft., Fort Portal, Uganda, iv.1951, E. Pinhey. Type of *Macromia bispina* Fraser ♂ [label F.C.F.]. Allotype ♀. *M. bispina* Fras., ♀, Sango Bay, Katera, Uganda, x.1953. E. Pinhey.

borikhanensis (*Macrogomphus*), 1933c : 136-139, figs. 8a, c. LECTOTYPE ♂, allotype ♀. *M. borikhanensis*, Borikhane, Laos, Siam, 27.iii.32, Coll. A. Kerr [label F.C.F.].

botti (*Caconeura*), 1922 : 41-42. Holotype ♂. King Island, Mergui, Burma,

4.vi.1921, Bott coll. *Caconeura botti* Fras. ♂ Type. Fraser det. 1924 [labels T.B.F.]. Syn. of *Prodasineura collaris* (Selys).

burliyarensis (ssp. of *Idionyx corona*), 1922 : 65; 1924 : 461-462, pl. 26, fig. 6. LECTOTYPE ♀. S. India, Burliyar, 29.viii.1921, 2,520 ft., Maj. F. C. Fraser. *Idionyx corona* race *nilgiriensis* Fraser ♀ Type [label F.C.F.]. *Idionyx corona burliyarensis* Fraser ♀ Type, det. D. E. Kimmings. Allotype ♂. I. *burliyarensis* ♂, Burliyar R., Nilgiris, 2,500 ft., 16.vi.22 [label F.C.F.]. It may be pointed out that Fraser (1936 : 229) refers to "Type and allotype female in the British Museum". This is an error, since the type must be a female. (See also *nilgiriensis*).

burmanensis (ssp. of *Caconeura verticalis*), 1933b : 216-218. LECTOTYPE ♂. Upper Burma, Maymyo, 11-20.vi.1925, coll. F. Wall. *Caconeura verticalis burmanensis* Fras. ♂ [label F.C.F.]. No mention is made of types in original description. This lectotype agrees with the brief locality data. Now *Prodasineura verticalis burmanensis* (Fraser).

burmicus (*Microgomphus*), 1925a : 854. LECTOTYPE ♂. Type. *Microgomphus burmicus* ♂, Maymyo, Upper Burma, 10.vi.24, F. Wall [label F.C.F.]. Allotype ♀. *Microgomphus burmicus* ♀ Maymyo, 10.vi.24, F. Wall [label F.C.F.]. Syn. of *Microgomphus loogali* Fraser.

butoloensis (*Notogomphus*), 1952 : 854. Holotype ♂. N. butoloensis ♂, sp. n., Bwamba Valley, Uganda, 2,500 ft., 8.xii.1928, A. O. Fisher [label F.C.F.]. Allotype ♀. Butolo Forest, 30 m. W. of Kampala, May 1951, E. Pinhey. Allotype, *Notogomphus butoloensis* Fras. ♀ [label E. Pinhey].

buxtoni (*Ischnura*), 1927a : 23-24, figs. 3a, b, 5v. LECTOTYPE ♂, allotype ♀, W. Samoa, Upolu Is., Malololelei, 2,000 ft., 2.vii.1924, J. S. Armstrong. Fraser appears to have erred in transcribing the locality data. Two females in paper envelopes in his collection bear data agreeing with that published in the original description. The ♂ type in BM (NH) was correctly attributed to J. S. Armstrong, but the date was given as 6.xii.26, not 2.vii.24. The female type also had the wrong date and the collector's name was given as P. A. Buxton. I have therefore removed our museum locality labels (based upon Fraser's transcriptions) and replaced them with labels agreeing with the descriptions. Fraser's labels have been retained.

cacharensis (ssp. of *Disparoneura campioni*), 1933b : 244. Holotype ♂. Cachar, Assam, 5.ix.1921, coll. B. Antram. *Disparoneura campioni cacharensis* Fras, ♂ Type [labels F.C.F.]. Now *Elattonneura campioni cacharensis* (Fraser).

cacharicus (*Lamellogomphus*), 1924a : 81-83. Holotype ♀. Dilkoosh, Cachar, ix.21. *Lamellogomphus cacharicus* Fraser, ♀ Type, Fraser det. 1924. *Gomphus* sp. nov. Fraser det. 1922 [labels T.B.F.]. Ex Pusa Collection. The data given in the original description had been transcribed as July. Now *Onychogomphus cacharicus* (Fraser).

- calcipennis** (*Microstigma*), 1946 : 463, fig. 3f. Holotype ♀. *Microstigma calcipennis* Fraser ♀ Type. Bolivia, F. C. Fraser det. 1946 [label F.C.F.].
- campioni** (*Disparoneura*), 1922 : 43-44. Holotype ♂. Margherita, 18.v.1920, *Disparoneura campioni* Fras. ♂ Type. Fras. det. 1921 [label T.B.F.]. Ex Pusa Collection. Now *Elatoneura campioni* (Fraser).
- campioni** (*Orogomphus*), 1924 : 467-469. Lectotype ♂ (Fraser, 1929a : 149). S. India, Coorg, 4 mls from Mercara, 2.v.23, coll. F. C. Fraser [label F.C.F.]. *Orogomphus campioni* Fras. ♂ Type, D. E. Kimmins det. 1964. Allotype ♀. S. India, Coorg, Mercara, Sidapur Rd, 2.v.23, Maj. F. C. Fraser [printed label], *Orogomphus campioni* ♀, Mercara, Sidapur Rd, Coorg, 2.v.23, coll. F. C. Fraser, Cotype [label F.C.F.]. The original description does not state the sex of the type and cotype but Fraser, 1929a : 149 states "Coll. Br. Mus., 1 ♂ (type), 1 ♀ (cotype)". Now *Chlorogomphus campioni* (Fraser).
- canningi** (*Caconeura*), 1919 : 877. Holotype ♂ (lacking abdominal segments 7-10). Nilgiris, Coonoor, 6,000 ft., *Caconeura canningi* sp. nov., Type, F. C. F. [label F.C.F.]. Fraser (1924 : 504) casts doubt on the accuracy of the locality label of the type and suggests that it may really have been collected in Ceylon, Dyatalawa, 5,000 ft. Syn. of *Prodasineura sita* (Kirby), a Ceylanese species.
- cardinalis** (*Oxyagrion*), 1946 : 41-42. Holotype ♀. Type, *Oxyagrion cardinalis* ♀, Mishuyacu, Peru, 14.iv.30 [label F.C.F., on back of mounting card].
- cardinalis** (*Pseudophaea*), 1924 : 512-513. Holotype ♂. S. India, Shambanagur, Madura. *P. cardinalis* Fraser, the upper specimen the type [label F.C.F., in pencil]. Fraser omits any details as to the location of the type in the original description, probably due to an uncorrected printing error. The BM (NH) has in fact a type and two paratypes, all with locality labels as detailed above, presented by S. Maulik, as part of a collection of undetermined insects from S. India. Fraser studied these insects in our collection and made them part of his type-series, placing the pencil-written determination label below them. This label was subsequently placed on the upper specimen and the other two labelled as paratypes, either by Campion or myself. In the circumstances I think it is justifiable to regard this type as holotype rather than lectotype. Now *Indophaea cardinalis* (Fraser).
- carpenteri** (*Nilogomphus*), 1928a : 133, figs. 5a-d. LECTOTYPE ♂. *Noto-gomphus dorsalis* ♂, Bududiri, Mt. Elgon, 4,200 ft., 20.xii.1927, H. Carpenter. [label F.C.F.]. Uganda, Gulu Dt, W. Nile, viii.ix.1927, G. Hale Carpenter. *Nilogomphus carpenteri*, ♂ Type Fraser, D. E. Kimmins det. 1965 [labels D.E.K.]. Allotype ♀. Same data. No specimens labelled as *Nilogomphus carpenteri* have been located either in Fraser's collection, in the BM (NH) or in the Hope Department, University Museum, Oxford. The Fraser collection does however contain a pair labelled *Notogomphus dorsalis* (Selys), a species with which Fraser subsequently synonymized his *Nilogomphus carpenteri*. These examples differ slightly in nodal indices from the original description, the locality and date also disagree

and the ♂ superior anal appendages are slightly crumpled, compared with the original figures. I consider this to be another case in which Fraser has re-labelled his types and in so doing has given them incorrect locality labels. I am therefore accepting them as the types and have re-labelled them as above. Now syn. of *Notogomphus dorsalis* (Selys).

carpenteri (*Oxythemis*), 1944a : 85–87, figs. 1a, b. LECTOTYPE ♂. Type. Uganda, White Nile, R. Alla, 27.ix.27, G. D. H. Carpenter. *Oxythemis carpenteri* Fraser ♂ [label F.C.F.]. Allotype ♀. Same data. Now *Aethiothemis carpenteri* (Fraser).

carpenteri (*Tetrathemis*), 1941b : 140–141, figs. 7, 8. Holotype ♂. Uganda, Entebbe, vii.1921 [label D.E.K.]. *Tetrathemis carpenteri* Fras. ♂ Type. F. C. Fraser det. Syn. of *Tetrathemis polleni* (Selys).

caudalis (*Anisogomphus*), 1926a : 423. Holotype ♂. Assam, 5,000 ft., Shillong, 18 June 1924, Fletcher coll. *Anisogomphus caudalis* Fraser ♂ Type [label T.B.F.]. Allotype ♀. A. caudalis, Barog, 5,000 ft., Simla Hills, 4.viii.29, Capt. Cardew [label F.C.F.].

cauvericus (*Burmagomphus*), 1926a : 413. Holotype ♂. S. India, Coorg, Bhagmandala Rd, 3.vi.1923, Maj. F. C. Fraser. *Burmagomphus cauvericus* Fras. ♂ Type [label F.C.F.].

cerinostigma (*Protosticta*), 1924 : 499–500. There is a discrepancy between the published locality data and that on the holotype specimen, although it is possible that the two sets of data may be complementary to one another and refer to the same locality. The published locality is Nilgiris, Ochterlony Valley, 3.viii.1922. The data on the paper envelope (by rubber stamp) are Nilgiris, 3,500 ft., Wynaad, Pandya R., 2.viii.1922, F. C. F. *Protosticta cerinostigma* ♂ Fras. Type [label F.C.F.], with additional comment (in pencil) var. of *sanguinostigma*. Now var. of *Protosticta sanguinostigma* Fraser.

cervus (*Heliogomphus*), 1942a : 336–337, figs. 1 (3, 6), 2 (14). LECTOTYPE ♂. Upper Burma, Maymyo, 4.vii.25, F. Wall coll., *Heliogomphus* ♂, with on reverse, H. cervus (Type) [label F.C.F.]. Allotype ♀. Same data.

chichibui (*Gomphus*), 1936b : 148–149, fig. 1. Holotype ♂. Japan, Nikko, June '34, Coll. F. C. Fraser. *G. chichibui* ♂. Syn. of *Trigomphus interruptus* (Selys).

clauseni (*Agriocnemis*), 1922 : 53–55, pl. 6, fig. 4. Holotype ♂. Shillong, Fruit Gdn Pond, 2.ix.1919. Fletcher coll. *Agriocnemis clauseni* ♂ Type, Fraser det. 1921 [label T.B.F.].

coerulescens (*Caconeura*), 1932 : 289–291. LECTOTYPE ♂. P[eninsular] Siam, Prachuap Province, Pak Tawan, 2.viii.1931, Dr A. F. G. Kerr [label D.E.K.]. *Caconeura dorsalis* group, Ab entirely absent, C. coerulescens ♂ Type [label F.C.F.]. Allotype ♀. Same data. *Caconeura coerulescens* Fraser allotype. Now *Prodasineura coerulescens* (Fraser).

cordosa (ssp. of *Chlorocypha dispar*), 1947 : 23. Holotype ♂. Gabon. Libel-lago cyanifrons Selys ♂ [Selys label]. *Chlorocypha rubida* Hag., D. E. Kimmins det. 1948. *Chlorocypha dispar cordosa* Fraser, ♂ Type, D. E. Kimmins det. 1963. Now syn. of *Chlorocypha dispar* (P. de B.).

corona (*Idionyx*), 1921a : 690. Holotype ♀. Babuddin Hills, Mysore, 1.vi.1915. Ramakrishna coll. *Idionyx corona* ♀ Type, Fraser det. May 1921 [label T.B.F.]. Ex Pusa Collection. The type lacks abdominal segments 6-10.

coryndoni (*Lokia*), 1952a : 249-250, fig. 2d. LECTOTYPE ♂. Uganda, Entebbe, Lake Victoria, x.1952. *Lokia* n. sp. ♂ ♀ [label F.C.F.]. *Lokia coryndoni* Fraser ♂, D. E. Kimmins det. Allotype ♀. Same locality, v.52. *Lokia coryndoni* Fraser ♀, D. E. Kimmins det.

cupricincta (*Macromia*), 1924a : 74. Holotype ♂. Burma, Thaton distr., Mokpalin, 18.v.23, Bott coll. Shady jungle path, hawking low, 11.30 a.m., 18.v.23 [label T.B.F.]. *Macromia cupricincta* Fras. ♂ Type [label T.B.F.]. Ex Pusa Collection. Allotype ♀. Assam, Nowgong, 2.vi.31, C. Antram. *M. cupricincta*.

cupricolor (*Hemicordulia*), 1927a : 37-39, fig. 4. LECTOTYPE ♂. W. Samoa, Upolu Is., Malololelei, 2.vii.1924, J. S. Armstrong, *Hemicordulia cupricolor*. Allotype ♀. Same data.

curiosa (*Protosticta*), 1934a : 134-135, fig. 1. Holotype ♂. Burma, Mergui, 31.v.32 [Dr A. Kerr]. *P. curiosa* Fras. ♂ Type [label F.C.F.].

cyaneovittata (*Esme*), 1922 : 45-46. Lectotype ♂ (Fraser, 1933b : 264). Palnis, 7,000 ft., Kodaikanal, 29.viii.1921, Fletcher coll. No type was selected by Fraser. This may be taken as type [label T.B.F.]. *Esme cyaneovittata* ♂ Fraser [label T.B.F.].

cyaneofrons (*Gomphus*), 1923 : 62. This name first appeared in a key to Indian Dragonflies and there is no indication that it was a new species nor is any precise locality mentioned. Apart from a similar key later in the same volume, no further reference is made to this name by Fraser. Laidlaw placed it as a synonym of *Perissogomphus stevensi* Laidlaw, 1922.

There are no examples labelled *Gomphus cyaneofrons* in the Fraser collection, but there are other instances in which he has removed his original determination labels when a species has been synonymized and replaced them with new determination labels. Concerning this first key, the following extract from a letter by Fraser to Dr F. F. Laidlaw (19.xi.1929) is of interest. He writes "I would not regard 'Dragonfly Collecting in India' too seriously, as it was written rather hurriedly to order and is what I called 'The Young Dragonfly Collector'. When writing it, I had a number of undescribed species and wishing to make the key as complete as possible, I named these provisionally and included them. I ought, of course, to have conserved these names when publishing descriptions later. The article, however, was never intended as a scientific paper and so I never regarded it at all seriously." This statement of Fraser's does not affect the availability of the

specific names published in this key (Art. 8 of Int. Code), as there was no published indication that it was not intended as a scientific publication.

In Fraser's Gomphidae collection are 1 ♂ and 3 ♀ of *Perissogomphus stevensi* Laidlaw, with dates of capture which would entitle them to consideration as possible syntypes of *Gomphus cyaneofrons* Fraser (Bengal, Gopaldhara, 4.vi.1919, H. Stevens). I have therefore placed labels on them to that effect, in case at any time it is desired to designate a lectotype for *Gomphus cyaneofrons* Fraser. Now syn. of *Perissogomphus stevensi* Laidlaw.

[*dabreui* (*Agriocnemis*), 1919a : 454.] The location of the holotype ♀ is not given in the original description. In 1933 : 398, the type is stated to be in BM (NH), formerly in Pusa Collection. This species is however not listed amongst the types received from Pusa in 1925 and the type is probably no longer in existence.

davenporti (*Ceylonolestes*), 1930 : 96-97, pl. 1, fig. 7. Syntypes, 4 ♂, 2 ♀, Palni Hills, 7,000 ft., T. B. Fletcher coll., various dates, 14.viii.1920-vii.1923. No type has been selected for this species and it seems better to leave such selection until a specialist is making a revision. It may be pointed out that in the original description, the species is attributed to Ris. Now *Lestes* (*Indolestes*) *davenporti* (Fraser).

davenporti (*Protosticta*), 1931a : 70-71, pl. figs. 9, 10; 1931 : 467 (♀). Holotype ♂. S. India, Mudis Hills, 29.v.1929, F. C. Fraser [label D.E.K.]. *Protosticta davenporti* Fras., ♂ [label F.C.F.]. Allotype ♀. Munnar Ghat, Travancore, 25.v.1932. *P. davenporti* Fras. ♀ allotype, det. F. C. Fraser [label F.C.F.]. The manuscript label on the holotype appears to have been marked Type, but most of it has been cut off, leaving only the top of the "T".

davina (ssp. of *Zygonyx iris*), 1926 : 768-769. The holotype ♀ has been destroyed by pests in the Darjeeling Museum. The following specimen, with data "Z. davina, Kurseong, Sikkim, vi.39" from Fraser's collection, was selected by him as typical and was regarded by him as a neotype, though he did not publish the designation. As it is desirable that there should be authentic material for this subspecies, I take this opportunity of designating the above specimen in BM (NH) as NEOTYPE ♀ of *Zygonyx iris davina* Fraser, 1926. See *binocellata*, *Macromia*.

decoloratum (*Libyagrion*), 1928a : 126. LECTOTYPE ♂. Africa, Nyasaland, Zomba, Colin Smee [label D.E.K.]. Zomba, Nyassaland Protectorate, coll. Colin Smee. *Libyagrion decoloratum* Fraser ♂ Typel [abels F.C.F.]. *Libyagrion decoloratum* Fraser ♂ Type [label D.E.K.]. Allotype ♀. Africa, Nyasaland, Zomba, Colin Smee [label D.E.K.]. *Libyagrion decoloratum* gen et sp. nov. [label F.C.F.]. *Libyagrion decoloratum* Fras. ♀ allotype [label D.E.K.]. Now syn. of *Enallagma* (*Africallagma*) *subtile* Ris.

delineatus (ssp. of *Davidius zallorensis*), 1926d : 166, pl. 1, fig. 4, text-figs. 3, iii, viii. LECTOTYPE ♂. India, Darjeeling Distr., Gangtok, 16.v.25, C. M. Inglis. *Davidius zallorensis delineatus* Fras., ♂ Type [label F.C.F.].

- denticauda** (*Tetrathemis*), 1954a : 255-257, figs. 1a, b. Holotype ♂. Uganda, Bunyoro distr., Ft. Portal, G. H. Carpenter [label D.E.K.]. *Tetrathemis denticauda* Fraser ♂ [label F.C.F.].
- descendens** (ssp. of *Acanthagrion apicale*), 1946 : 38-40, figs. 9a, 10, 4. Holotype ♂. *Acanthagrion descendens* Fras., ♂ Holotype, Mishuyacu, Peru, 2.vii.30. From Leeds Mus. Coll. [writing F.C.F., on underside of staging card].
- [**diminutivus** (*Onychogomphus*), 1924b : 109-110, pl. 1, fig. 1.] The type of this species has not been traced in the Fraser Collection.
- dingavani** (*Onychogomphus*), 1924c : 1005-1006, pl. 2, fig. 7, text-fig. 2, vii. Holotype ♂. *Onychogomphus dingavani* ♂, [Kalaw] Siam Rd, S. Shan States, 3,000 ft., 20.x.22, Type. Capt. Dingavan coll. [label F.C.F.].
- disarmatus** (*Lestes*), 1961 : 11-12, fig. 1. Holotype ♂. Madi Opei, Acholi, Uganda, iii.52. T. H. E. Jackson. *Lestes disarmata* sp. nov. Holotype.
- dobsoni** (*Agricnemis*), 1954b : 147-148, figs. 1a, b, c. LECTOTYPE ♂. *A. dobsoni* Fras., Innisfail, N. Queensland, 22.ix.52, coll. R. Dobson, F. C. Fraser det. 1953 [label F.C.F.].
- dolorosa** (*Pacificagrion*), 1953 : 119-120, figs. 2, 3, 8, 9, 12, 14, 16, 17. Holotype ♂. *P. dolorosa* Fras. ♂ Type. Hellsoi's Paddock, 1,600 ft., Apia, J. S. Armstrong [label F.C.F.].
- donaldi** (*Anaciaeschna*), 1922b : 482-483, 699-700. Lectotype ♀ (Fraser, 1924 : 465). Kodaikanal, Palni Hills, S. India. Coll. F. C. Fraser, May 1908 (Original specimen) [typewritten label]. *Anaciaeschna donaldi* Fraser ♀. Lectotype ♀ Fraser, 1924 [label D.E.K.]. Allotype ♂. On road side. *Anaciaeschna donaldi* Fraser, ♂. Varatapari, Annaimallai Hills, S. India, 25.iv.1933. det. F.C. Fraser. vide E. m. M. 76 : 88 [label F.C.F.]. The specimen in Fraser's collection labelled "A. donaldi Fraser ♀ Type" was not one of the syntypes, since it was dated 21.v.22. Amongst his examples of *A. martini*, with which *donaldi* was once synonymized, I found a ♀ with locality label agreeing with the first example listed by Fraser (1922b) and marked by him "Original specimen". In 1924 : 465, Fraser makes the following statements concerning *A. donaldi* "described originally from a female from the Palni Hills" and "The original female, rather dilapidated, is in my collection, and was taken by myself in the Palni Hills, May 1908". I have accepted these two remarks as being the equivalent of a lectotype designation by Fraser. His collection also contained two other females (which had been re-labelled as *A. martini* by Fraser) which may be part of the type-series of *A. donaldi*.
- donaldi** (*Indomacromia*), 1924 : 515-516, fig. 6. Holotype ♂. *Macromidia donaldi* ♂, Sampaji Ghat, Coorg, 7.vi.24, (Type) Coll. F. C. Fraser [label F.C.F.]. Allotype ♀. *Macromidia donaldi* ♀. Tamaracherry, S. Malabar, nr Calicut, 15.vii.28. Coll. F. C. Fraser [label F.C.F.]. Now *Macromidia donaldi* (Fraser).
- dorothea** (ssp. of *Agrionoptera insignis*), 1927 : 65-66. Lectotype ♂ (Fraser, 1936 : 277). India, Bengal, Duars, Hasimara, 1924, H. V. O'Donel [label D.E.K.]. *A. insignis dorothea* Fraser, ♂ Type, det. F. C. Fraser [label F.C.F.].

dorothea (*Lestes*), 1924 : 484-485, pl. 26, fig. 8. Holotype ♂. S. India, Coorg, Mercara, 17.iv.1923, Maj. F. C. Fraser. *Lestes praemorsa dorothea* ♂ [label F.C.F.]. Allotype ♀. S. India, Coorg, Greenfield, Mercara, 26.iv.1923, Maj. F. C. Fraser. *L. praemorsa dorothea* ♀ [label F.C.F.]. The ♂ type was presented to the BM (NH) in 1923 and thus qualifies for the status Holotype by Fraser's statement in original description "Types in B.M.". Another specimen in BM (NH), ex Pusa Collection, from Kurseong, *Lestes dorothea* Fraser ♂ Type, was incorrectly labelled by T. Bainbrigge Fletcher and is in fact a paratype of *Indolestes helena* Fraser.

drummondi (*Lamellogomphus*), 1924c : 985-986. Holotype ♀. *L. risi* ♀ = (*G. drummondi* Fras. Type), Siam Road, Loimwe, S. Shan States, 3,000 ft., 17.v.1923, Capt. Drummond [label F.C.F.]. Now syn. of *Onychogomphus risi* (Fraser).

duarensis (*Burmagomphus*), 1922c : 421-422, pl. 11, fig. 7. Holotype ♂. India, Hasimara, Duars, Maj. F. C. Fraser. *Burmagomphus duarensis* Fras. ♂. Coll. H. V. O'Donel, Hasimara, Duars, Type [label F.C.F.]. The printed label incorrectly quotes Fraser as the captor. Now syn. of *Merogomphus martini* (Fraser).

duaricus (*Onychogomphus*), 1924c : 1001-1003, pl. 2, fig. 5. Holotype ♂. *Onychogomphus duaricus* ♂, Hasimara, Duars, Bengal, 9.vii.20, H. V. O'D[onel] [label F.C.F.]. Allotype ♀. Same data. Although it is stated in the original description "Type male and cotype female in the British Museum", these specimens in fact remained in Fraser's collection until 1957.

dubia (*Porpacithemis*), 1954a : 261-262, figs. 2a-d. Holotype ♀. Gabon, L. Asebbe, Fernan-Vaz, 14.i.1908. *Porpacithemis dubia* Fraser, D. E. Kimmins det. 1955.

dundomajoricus (*Phyllogomphus*), 1957 : 24-28, figs. 2c, g, 4a, 5c, 7c. LECTOTYPE ♂. N. Angola, Lundu Province, Dundo, 11.xii.1947. *Phyllogomphus dundomajoricus* ♂ Type, det. F. C. Fraser 1957. Allotype ♀. Same locality, xi.1948. *Phyllogomphus dundomajoricus* ♀ Allotype, det. F. C. Fraser, 1957.

dundominusculus (*Phyllogomphus*), 1957 : 28-29, figs. 2h, 4b, 5f. Holotype ♂. N. Angola, Lunda Province, Dundo, Nov. 1948. *Phyllogomphus dundominusculus* ♂ Type, det. F. C. Fraser, 1957.

echinoccipitalis (*Onychogomphus*), 1922 : 74-75. Holotype ♀. Dipping over roadside stream, Mile 23, Gauhati-Shillong. About 1,000 ft., 2.viii.19. Fletcher coll. (Gomphinae). *Onychogomphus echinoccipitalis* Fraser Type. Fraser det. 1921 [labels T.B.F.]. Ex Pusa Collection.

ellisoni (*Macromia*), 1924 : 457-458, pl. 25, fig. 3. Lectotype ♂ (Fraser, 1936 : 171). *M. ellisoni* ♂, 4,000 ft., Nilgiris, 7.x.21, Mysore Ditch, S. India, F. C. Fraser [label F.C.F.]. Allotype ♀. *M. ellisoni* ♀, Devalashola, Nilgiri Wynaad, 5.xi.1922, S. India, F. C. Fraser [label D.E.K.]. When received from Fraser, the allotype bore a label stating that it was a ♂, from Gudapur.

eltoni (*Phyllothemis*), 1935 : 890–891. This is yet another species in which one finds discrepancies between the published data and the specimens. Fraser, in his description, records two males in his collection (King Island, Mergui, Lower Burma, taken by Mr J. Elton Bott during September), and states that the type is in his own collection. I have so far traced only one fragmentary ♂ in the Fraser collection. It was in a paper triangle ; the covering envelope was labelled *Phyllothemis eltoni* Type by Fraser but the triangle was labelled *Amphithemis gomphoides*.

In 1925 the BM (NH) received, amongst other Odonata types from the Pusa Collection, a specimen from Mergui, Bott coll., labelled by T. B. Fletcher *Amphithemis gomphoides* ♂ Fraser, Type, Fraser det. 1922. I think that the most probable explanation is that Fraser drew up a description of *Amphithemis gomphoides* from Pusa material submitted to him by Fletcher, but did not immediately send it to press. Years later, when assembling material for the third volume of the Odonata of the Fauna of British India, he used this description, publishing it under the name *Phyllothemis eltoni*. Similar discrepancies between labels and published names have been found in the Pusa material. Whether there were more than the two specimens I do not know, but I have discovered only this fragmentary one in the Fraser collection.

In view of the fragmentary condition of this specimen, and the fact that the Pusa male has been in the BM (NH) for forty years as the type of a Fraser Mss name, I designate the Pusa male as the LECTOTYPE of *Phyllothemis eltoni* Fraser, and it now bears my determination label to that effect. The fragmentary male has been labelled by me as a paratype.

ethelae (*Dysphaea*), 1924 : 480–482. Holotype ♂. S. India, Coorg, Napoklu, Cauvery River, 22.iv.1923, Maj. F. C. Fraser. *Pseudophaea etheli* ♂ Fras. MS., Cauvery River, Coorg, Napoklu, 22.4.23. Type [label F.C.F.]. Allotype ♀. S. India, Coorg, Fraserpet, near Cauvery River, 22.v.23, Maj. F. C. Fraser. *Dysphaea ethelae* Cotype ♀ [label F.C.F.]. The original description and Fauna of Brit. India give the specific name as *ethela*.

euphorbia (ssp. of *Argia extranea*), 1946 : 457–458, figs. 2e–g. Holotype ♂. Type. *Argia extranea euphorbia* ♂. Mishuyacu, Peru, 10.viii.30 [label F.C.F., on underside of mounting card].

excelsa (*Orolestes*), 1933d : 181–182, pl. 4, fig. 3, text-fig. 5. Holotype ♂. *Orolestes excelsa*, Chaiyabari, N. E. Siam, 3.v.32, Dr A. Kerr [label F.C.F.]. One pair of wings in Ann Arbor Mus., Michigan. The right hand pair of wings was presented to Ann Arbor Museum by Fraser.

extraordinata (*Atoconeura*), 1950 : 56–57, fig. 1. LECTOTYPE ♂. Uganda, Ruwenzori, Bwamba Valley, 6,500–7,500 ft., 13–15.i.1926, G. D. Hale Carpenter [label D.E.K.]. *Atoconeura extraordinata* Fraser ♂ Type (*A. eudoxia* (Kirby)) F. C. Fraser det. 1951 [label F.C.F.]. Now syn. of *Atoconeura eudoxia* Kirby.

flaviceps (*Burmargiolestes*), 1933a : 120–121. LECTOTYPE ♂. *B. flaviceps*

Fraser ♂ Type. Taweing, Laos, 1,200 m., 6.iv.32, Dr A. Kerr [label F.C.F.].
?Syn. of *Burmargiolestes melanothorax* (Selys).

flavicolor (*Heterogomphus*), 1923a : 678, pl. 1, figs. 2, 2a. Holotype ♀. Ex Mackenzie coll. Sine loco. (in box labelled "Saran".) *Heterogomphus flavicolor* Fras. Fraser det. 1923. Type [labels T.B.F.]. Ex Pusa Collection. Now *Megalogomphus flavicolor* (Fraser).

flavifrons (*Notogomphus*), 1952 : 8-10, figs. 1c, 4a, b, e. LECTOTYPE ♂. Type. Mafuga Rain Forest, Kigezi, Uganda, 7,500-8,000 ft., June 1951, T. H. E. Jackson. *Notogomphus flavifrons* Fraser. Mafuga Forest, Kigezi, Uganda, vi.51. det. F. C. Fraser. Allotype ♀. *Notogomphus flavifrons* Fraser, Mafuga Forest, Kigezi, Uganda, vi.51. det. F. C. Fraser.

flavocolorata (*Macromia*), 1922b : 702, fig. 2. Holotype ♀. *Macromia flavocolorata* ♀, Hasimara, Duars, Bengal, 20.x.21, H. V. O'Donel. Type [label F.C.F.]. Allotype ♂. *M. flavocolorata*. Hasimara T. E., Duars, Bengal, 7.viii.31, H. V. O'Donel [label F.C.F.].

flavovittata (*Macromia*), 1935 : 326-328, figs. 4-5. Holotype ♂. *M. flavovittata* ♂, Moungpu, Darjeeling distr., 29.v.27 [label F.C.F.].

fletcheri (*Disparoneura*), 1919 : 876. Holotype ♂. Assam, Shillong, 22.ix.1918, Fletcher coll. *D. fletcheri* ♂, Fras. Type specimen [label F.C.F.]. Allotype ♀. Same locality, 20.ix.1918, *Disparoneura fletcheri* ♀, Fraser, Type specimen [label F.C.F.]. Now syn. of *Elatoneura atkinsoni* (Selys).

fletcheri (*Gomphidia*), 1923a : 669-670, pl. 2, figs. 2, 2a, text-fig. 2a. LECTOTYPE ♂. S. India, Coorg, Hallery, Mercara, 4,000 ft., 14.vi.23, Maj. F. C. Fraser. Shot down with dust-shot. F. C. Fraser. *Gomphidia fletcheri* ♂ [labels F.C.F.].

fletcheri (*Petaliaeschna*), 1927 : 73-74. The holotype ♂ was originally in the Pusa Collection, but there is no record of its having been received at BM (NH) with the other Pusa types in 1925 and it is now presumed lost. Fraser marked a replacement specimen in his own collection as neotype, but did not publish its establishment. I therefore designate this specimen as NEOTYPE ♂. The data are *P. fletcheri*, Shillong, Shillong, Assam, 21.v.24. T. Fletcher [label F.C.F.]. Type destroyed. Neotype. *Petaliaeschna fletcheri* ♂ Fraser, det. D. E. Kimmins, 1964. NEOTYPE.

floridense (ssp. of *Acanthagrion gracile*), 1946 : 37-38, figs. 8a, 10 (2, 3). Holotype ♂. *Acanthagrion gracile floridense* ♂ Type. S. E. Colombia, Florida, 7.ii.1931 [written on mounting card, F.C.F.].

folia (ssp. of *Cordulegaster brevistigma*), 1929a : 120-121, pl. 12, figs. 11-12. Holotype ♂. Naini Tal, Kumaon, W. Himalayas, c. 7,000 ft., 5.vi.93 [label F.C.F.]. *Cordulegaster brevistigma folia* Fras. ♂, Type, D. E. Kimmins det., 1963. Allotype ♀. *C. brevistigma*, Naini Tal, N. W. Himalayas, c. 7,000 ft., 5.vi.93 [label F.C.F.]. *Cordulegaster brevistigma folia* Fras. ♀ Allotype. D. E. Kimmins det. 1963.

forficula (ssp. of *Argia extranea*), 1946 : 456-457, figs. 1d-e. LECTOTYPE ♂. *Argia extranea forficula* ♂ Type. Rio Paranapura, Balsapuerto, 220 m., ii. 1933. N. Peru, F. C. F. det. [written on underside of mounting card, F.C.F.].

fujiacus (*Gomphus*), 1936b : 147-148, fig. 7. Holotype ♂. *G. fujiacus* ♂ Type. Nikko, Japan, vi. 34, coll. F. C. F. [label F.C.F.].

fujiana (*Davidius*), 1936b : 150-151, fig. 2. The Fraser collection contained no example identified as *Davidius fujiana*. Examination of his series of *Davidius cuniculus* Ris however revealed a single ♂ without either locality or determination labels, which agreed entirely with the description of *D. fujiana* and it has therefore been labelled as the LECTOTYPE ♂, with data as given in the description, (Japan, Nikko, 3.vi.1934, F. C. Fraser). Fraser's notes on *D. cuniculus* list 4 ♀ from Nikko; his collection however contained 5 ♀, one of which had a label which was apparently of a later date than the others (the writing being larger and rather shaky). This ♀ appears to be *cuniculus* Ris, but I believe that it is the ♀ originally associated by Fraser with *fujiana* and that he later decided it was incorrectly named and changed the label. I have labelled it as the probable allotype of *D. fujiana*.

fulvia (ssp. of *Idionyx corona*), 1924 : 515-517. Two specimens, 1 ♂, 1 ♀, have been located in the Fraser collection, labelled *I. burliyaensis fulvia*, Sampaji Ghat, Coorg, 18.v.1924. Since the description of this subspecies appeared in an appendix published in September 1924, these specimens can be considered as SYNTYPES. Fraser subsequently placed this subspecies as a synonym of *I. burliyaensis* and on the envelope of the ♂ the name *fulvia* is in much more faded ink than the name *I. burliyaensis*. Now syn. of *Idionyx burliyaensis* Fraser.

galeata (*Idionyx*), 1924 : 517-519, fig. 8a. LECTOTYPE ♂. S. India, Coorg, Khatlkad, 3,800 ft., 30.v.1924, Maj. F. C. Fraser. *I. galeata* Fras. ♂ [label F.C.F.]. Allotype ♀. India, Katlkad, Coorg, 4.v.23, F. C. Fraser. *I. galeata* Fras. Type [label F.C.F.]. The information about the types in the original description is confused. Fraser writes "The types were taken on Katlkad Estate near Mercara, 17.v.24 by myself. Two more also females were taken on the following day at the same place . . . A fourth female was taken on 25.v.24 . . . Two males, the first taken by myself, were captured on 30.v.24."

After much consideration I think that there is an error in the first two sentences, which I suggest should read "The types were taken by myself on Katlkad Estate, near Mercara; one female on 17.v.24 and two more, also females, on the following day at the same place . . ." This gives four females and two males as syntypes, all from Katlkad. Coming now to the existing material, there are two males and one female from Katlkad. One of the males was presented to BM (NH) in 1925 as the ♂ type. A female presented at the same time, marked allotype, is from Kudremukh, 22.v.24, C. A. Souter, and I consider that Fraser's statement excludes it from the syntypes. The only remaining ♀ syntype is marked Type and bears the date 4.v.23, which I believe to be a relabelling error. I consider this to be the allotype.

- gardneri* (*Hylaeothemis*)**, 1927 : 66–67. The holotype was originally in the Museum of the Forest Research Institute, Dehra Dun, N. India and was presented to the BM (NH) in 1949. The locality label of the type differs from that quoted in the original description (Kampison, Himalayas), being Naga Hills, 6,000 ft., Assam, S. N. Chatterjee, 8.iv.1924. *Hylaeothemis gardneri* Fras. Major Fraser det. Type ♂. The holotype now lacks its head.
- gautama* (*Indagrion*)**, 1922 : 50. Holotype ♀. Sadiya, 23 May 1920. *Indagrion gautama* Fras. ♀ Type. Fraser det. 1921 [label T.B.F.]. *Indagrion* gen. nov. *gautama* sp. nov. ♀ [label F.C.F.]. Now *Mortonagrion gautama* (Fraser).
- gigantica* (*Anotogaster*)**, 1924e : 48–49. Lectotype ♂ (Fraser, 1929a : 94–95). *A. gigantea*, Siam Rd, Kalaw, Burma, 8.ix.23. Capt. Drummond [label F.C.F.]. Type. *Anotogaster gigantea* Fras. Male. Siam Rd, S. Shan States, Burma. Coll. Capt. Drummond, 8.ix.23 [typewritten label]. Allotype ♀. *A. giganticum*. Kalaw, Burma, 20.ix.23. Capt. Drummond [label F.C.F.]. Allotype. *Anotogaster gigantea* Fras. Female. Kalaw, S. Shan States, Burma. Coll. Capt. Drummond, 20.ix.23 [typewritten label].
- gloriosa* (*Dysphaea*)**, 1938 : 197–198. Holotype ♂. *D. gloriosa*. Pak Tawan, Prachaup, Siam, 21.viii.31. Dr A. Kerr [label F.C.F.]. Allotype ♀. *D. gloriosa*, Muang Ban, Laos, Siam, 28.iv.32. Dr A. Kerr coll. [label D.E.K.].
- gracillima* (*Hemicordulia*)**, 1944a : 87–88, fig. 1c. Holotype ♀. Malaya, Kuala Lumpur, 26.iii.32, H. M. Pendlebury. At light. *H. gracillima* Fras. Holotype [label F.C.F.].
- gynostylus* (*Cyclogomphus*)**, 1926d : 162–163. Holotype ♂. Ceylon, Kandy Lake, 4.ix.24, Col. F. Wall. *C. gynostylus* [label F.C.F.]. Allotype ♀. *C. gynostylus* Allotype ♀. Kandy, Ceylon, v.1911 [label F.C.F.].
- haemastigma* (*Ischnura*)**, 1927a : 26–27, figs. 2a, b, 5, vi. Holotype ♂. Samoan Is., Upolu Is., Malololelei, 5.xii.1925. P. A. Buxton & G. H. Hopkins. *Ischnura haemastigma* Fraser ♂. Malololelei, Upolu Is., W. Samoa, coll. P. A. Buxton, 5.xii.1925. Type [label F.C.F.].
- [***haematoneura* (*Sympetrum*)**, 1924a : 70–71.] Type not yet traced. Originally in Pusa Collection but not listed amongst those presented to BM (NH) in 1925, and it is therefore presumed lost.
- halei* (*Macromia*)**, 1928a : 137. LECTOTYPE ♀. Uganda, L. Victoria, Entebbe, xi.1927, G. D. Hale Carpenter. *Macromia halei* sp. nov. ♀ [label F.C.F.]. Syn. of *Macromia nyanzana* Grünberg.
- hamulata* (*Argia*)**, 1946 : 447–449, fig. 2d. Holotype ♂. S. America, Peru, Yumbatos, xi.1932. *Argia hamulata* n. sp. ♂ Type [label F.C.F.].
- hannynghoni* (*Heterogomphus*)**, 1923a : 674–676, pl. 1, figs. 1, 1a, text-fig. 4. Holotype ♂. S. India, Coorg, Bhagmandala Rd, 5.vi.1923, Maj. F. C. Fraser. *Heterogomphus hannynghoni* Fras. ms. ♂, Bhagmandala Rd, Coorg. Type

[label F.C.F.]. Allotype ♀. *M. hannyngtoni* Fras. ♀. Napoklu, Coorg, 2.v.24. Coll. F. C. Fraser. F. C. Fraser det., 1924 [label F.C.F.]. Now *Megalogomphus hannyngtoni* (Fraser).

hanumana (*Gynacantha*), 1922 : 76–77. Holotype ♂. Mangpu, 5,200 ft., 18.ii.1920. C. M. Inglis. *Gynacantha hanumana*, Fraser, Type [labels T.B.F.]. Ex Pusa Collection. Syn. of *Acanthagyna subinterrupta* (Rambur).

hasimaricus (*Burmagomphus*), 1926a : 411. LECTOTYPE ♂. *Burmagomphus hasimaricus* ♂, Hasimara, Duars, Bengal, 5.vi.23, coll. H. V. O'Donel, 5.vi.23. Allotype ♀. *Burmagomphus hasimaricus* ♀, H. V. O'Donel, Duars, Bengal [label F.C.F.]. The reverse of the lectotype's label is inscribed *Burmagomphus biharicus*, H. V. O'Donel, 21.vii.23, Duars, N. I., Type.

hearseyi (*Protosticta*), 1922d : 5, pl. 1, figs. 3–4. Lectotype ♂ (Fraser, 1933b : 115). Madras, Gudalur, Nilgiri Hills, 26.vi.21, 4,500 ft., Maj. F. C. Fraser. *Protosticta hearseyi* ♂ Fraser [label F.C.F.]. Allotype ♀. Same locality, 26.vi.21. Both the lectotype and allotype bore incorrect date labels, which have been corrected.

helena (*Indolestes*), 1922 : 60–61, pl. 7, fig. 1. Holotype ♂. Kurseong, 6,000 ft., 27.ix.20. C. M. Inglis coll. *Sympecmoides* sp. nov. ♂, Fraser det. 1921. *Indolestes helena* Fraser ♂ Type. Fraser det. 1921. [labels T.B.F.]. Ex Pusa Collection. The type now lacks segments 9–10 of abdomen. Syn. of *Indolestes cyaneus* (Selys).

hemihyalina (ssp. of *Rhinocypha quadrimaculata*), 1922 : 64, pl. 8, fig. 5. Holotype ♂. Khasi Hills, Shillong, 16.x.1919, Fletcher coll. B. H. ♂, 16.x.19. *Rhinocypha hemihyalina* Fraser ms. ♂ Type. Fraser det. 1921 [label T.B.F.]. Penis drawn, J. Cowley, Aug. 1935. Allotype ♀. Same locality and date. *Rhinocypha hemihyalina* Fraser ms. ♀ Cotype, Fraser det. 1921 [label T.B.F.]. Ex Pusa Collection.

hermionae (*Allogaster*), 1927 : 76–77. Holotype ♂. India, Bengal, Darjeeling Distr., [Senchal, 8,000 ft.] 3.vi.26, C. M. Inglis. *Allogaster hermione* Fraser ♂ Type. The date of capture is given as July in original description. Now *Neallogaster hermionae* (Fraser).

hetaerinoides (*Leucopteryx*), 1933c : 125–128, figs. 5–6. LECTOTYPE ♂. Laos, Muang Cha, 1,100 m., 10.iv.1932, A. Kerr. *Leucopteryx hetaerinoides* Fras. [label F.C.F.]. Allotype ♀. *Archineura hetaerinoides*, Muang Cha, Laos, Siam, 10.iv.32, Dr A. Kerr [label F.C.F.]. Now *Archineura hetaerinoides* (Fraser).

hilaryae (*Rhinocypha*), 1927 : 83–86, fig. 4. Lectotype ♂ (Fraser, 1934 : 39). Burma, Maymyo, vii.1924. Col. F. Wall. *Rhinocypha hilaryae* Fraser ♂ [label F.C.F.]. Allotype ♀. Burma, Maymyo, vii.1924. Col. F. Wall. *Rhinocypha hilaryae* Fras. ♀ Allotype [label F.C.F.]. The printed locality labels on type and allotype were incorrect in date and collector's name and have been replaced. Now *Aristocypha hilaryae* (Fraser).

hincksi (*Mnesarete*), 1946 : 26–28, fig. 2. Holotype ♂. S. E. Colombia, Umbria, 6.i.1931. *Mnesarete hincksi* Fraser ♂ Type. det. F. C. Fraser. 1945. In the original description the generic name was mis-spelt *Mnesarte*.

huallaga (*Argia*), 1946 : 450–451, fig. 2a. LECTOTYPE ♂. Peru, Huallaga region, Balsapuerte, x.1932, G. Klug. *Argia huallaga* n. sp. ♂ Type, det. F. C. Fraser [label F.C.F.]. Allotype ♀. Locality and date as for lectotype ♂. *Argia huallaga* n. sp. ♀ Allotype [label F.C.F.]. The locality given by Fraser is not correct. The part of the paper triangles upon which he wrote his determinations gives the locality as Balsapuerte, not Yumbatos, and the labels have been amended accordingly.

huonensis (*Anaciaeschna*), 1926c : 473. Holotype ♂. Germ. New Guinea, Huon Gulf, W. Potter. Gabmetzung, 20 miles up Markham River, 29.ii.1920. *Anaciaeschna huonensis* sp. nov. ♂ Type [label F.C.F.].

icteroptera (*Mnais*), 1929b : 592–593. Holotype ♂. *Mnais icteroptera* ♂, Kalaw, Chin Hills, Burma. Type [label F.C.F.].

ida (*Macromia*), 1924 : 449–450, pl. 25, fig. 4. Lectotype ♂ (Fraser, 1936 : 190). India, Gudalur, Nilgiris, 3,500 ft., 20.ix.1922, F. C. Fraser. *Macromia ida* Fras. ms. ♂ Type [label F.C.F.]. Allotype ♀. India, Gudalur, ix.1922, F. C. Fraser. *Macromia ida* Fraser ♀, det. F. C. Fraser [labels D.E.K.].

imbricata (*Idionyx*), 1926e : 205–206, pl. 9, fig. 4, pl. 10, fig. 1. Holotype ♂. Assam, 5,000 ft., Shillong, 8.vi.1924, Fletcher coll. *Idionyx imbricata*, Fraser ♂. Type [label T.B.F.]. Ex Pusa Collection.

immaculata (*Zygonyx*), 1933c : 134–135. Syntypes, 2 ♂. *Z. immaculata*. Pak Muang, Laos, ca 600 m., 24.iv.32, A. Kerr. *Z. immaculata*. Hat Kam, Laos, Wiangchan, 28.iv.1932, A. Kerr [labels F.C.F.]. Fraser did not mark either of the two males of the type series as types and they are therefore left as Syntypes, pending a revision of the genus.

incisura (*Gynacantha*), 1935 : 325–326, fig. 3. Holotype ♂. *G. incisura*. Loimwe, S. Shan States, 5,600 ft., Burma, 25.ix.23. Type. [label F.C.F.]. Now *Acanthagyna incisura* (Fraser).

indica (*Hylaeothemis*), 1946c : 97–100, figs. 1–3. LECTOTYPE ♀. *Hylaeothemis fruhstorferi* ♀ Nilgiris, June 1919, Type, F. C. Fraser [label F.C.F.]. *Hylaeothemis indica* Fraser ♀ Type, D. E. Kimmins det. 1964. Allotype ♂. Same locality, *Hylaeothemis indica* Fraser ♂ Allotype, D. E. Kimmins det. 1964. These two specimens have been in BM (NH) over the label *fruhstorferi* since 1920, and at a later date Fraser wrote Type (in red ink) on the label of the female, but he omitted to put a determination label on either specimen. This was probably about the time that he described *indica*. I have therefore labelled the specimens as types of *H. indica* Fraser. The situation is still obscure, as in his description he refers to the “form *apicalis* Fraser”, which he considered as synonymous with the new species *indica*. *H. apicalis* Fraser, 1924, however was described as a

subspecies of *H. fruhstorferi* and the name *apicalis* therefore has priority over *H. indica*, and the species should be quoted as *Hylaeothemis apicalis* Fraser. Syn. of *Hylaeothemis apicalis* Fraser.

***indica* (*Indolestes*)**, 1922 : 58–60. Holotype ♂. Khasi Hills, Shillong, 20.ix.1919. Fletcher coll. BL ♂, Shillong, 20.x.19. *Indolestes indica* ♂ Type Fraser, Fraser det. 1921 [labels T.B.F.]. Ex Pusa Collection. The co-type ♀ was not received from the Pusa Collection.

***indica* (*Macromia*)**, 1924 : 448–449, pl. 25, fig. 5. Holotype ♂. India, Gudalur, Nilgiris, 3,500', 14.ix.1922. Maj. F. C. Fraser. *Macromia indica* Fras. Ms. ♂ Type [label F.C.F.].

***indica* (ssp. of *Micromerus lineatus*)**, 1928 : 686–687, pl. 1, fig. 5 and pl. 3, fig. 2. Holotype ♂. India, Poona, vi.1917, F. C. Fraser. *M. lineatus* ♂♀, Poona, June '17 [label F.C.F.]. *Micromerus lineatus indica* Fras. ♂ Type, D. E. Kimmins det. Allotype ♀. India, Poona, vi.1917, F. C. Fraser. *Micromerus lineatus indica* ♀ Allotype, D. E. Kimmins det. Now *Libellago lineata indica* (Fraser).

***indicum* (*Pseudagrion*)**, 1924 : 495–497, figs. 3i, ii, iv, v. Holotype ♂. India, Nilgiri Nadgani, 24.viii.1922, F. C. Fraser. *Pseudagrion indicum* Fras. ♂ Type [label F.C.F.]. The locality should be Nilgiri Wynaad, Nadgani. Fraser records types in BM (NH) but only the above specimen was presented before his collection was received here. Fig. 127a (1933b) gives a poor impression of the bifid superior appendage of the male.

***inflata* (*Ceylonolestes*)**, 1933b : 67–68, fig. 30. Holotype ♂. *Ceylonolestes inflata* Fras. ♂, Maymyo, N. Shan Sts, 5.vi.25, F. Wall. *Sympycna assamica* ♂ Fras. [labels F.C.F.]. Now *Indolestes inflata* (Fraser).

***infrequentula* (*Argia*)**, 1946 : 451–452, figs. 2h, 7d. LECTOTYPE ♂. S. America. S. E. Colombia: Umbria, 12.xii.1930. Pres. by Leeds City Mus. *Argia infrequentula* ♂ Type [label F.C.F.]. Allotype ♀. Same data, except date, 25.xi.1930. The date on the holotype is an error for 12.xi.1930.

[***infumata* (var. of *Mecistogaster linearis*)**, 1936 : 462.] No examples of this female variety with “ evenly and rather deeply enfumed ” wings have been traced in the Fraser collection, nor were any included in the types of new species presented by the Leeds City Museum. This varietal name was proposed provisionally by Fraser, but under the International Code (Art. 17, (8), (9)), the name is available should it at any time be considered desirable to elevate the form to sub-specific rank.

***inglisi* (*Lamellogomphus*)**, 1924c : 984–985, pl. 1, fig. 2. Lectotype ♂ (Fraser, 1934 : 275). *Lamelligomphus inglisi* ♂, Mangpu, Darjeeling, C. M. Inglis, 29.ix.23 [label F.C.F.]. *Lamellogomphus inglisi* Fraser. ♂ Type, D. E. Kimmins det. 1963. Allotype ♀. *Lamelligomphus risi* ♀, Riyang R., Mangpu, Darjeeling Dt, 23.ix.23 [label F.C.F.]. *Lamellogomphus inglisi* Fraser ♀ allotype, D. E. Kimmins det. 1963. Both locality labels differ in date from that given in the original description (17.v.23), and the ♀ is clearly an example of the re-labelling that

- Fraser occasionally did when a species became a synonym. Syn. of *Onychogomphus risi* (Fraser).
- inglisi** (*Stylogomphus*), 1922 : 70-71, pl. 7, figs. 3, 3a-b. Holotype ♂. Teesta River, 8 June 1920, C. M. Inglis coll. *Stylogomphus inglisi* Fraser ♂ Type [labels T.B.F.]. Ex Pusa Collection.
- intermedia** (*Protorthemis*), 1936c : 700-701, 1 fig. Holotype ♂. *Protorthemis intermedia* Fras. ♂ Type, Palawan [on reverse of label, F.C.F.].
- interrupta** (*Agriocnemis*), 1927a : 22, figs. 1c, d; 1953 : 125-126. Holotype ♂. W. Samoa, Upolu Is., Malololelei, 2.vii.1924, J. S. Armstrong. *Agriocnemis interrupta* Fraser, ♂, det. F. C. Fraser. Allotype ♀. *A. interrupta* Fras. ♀, A. Grey's Reach, Vasigano River, 1,900', 5.i.1952, J. S. Armstrong [label F.C.F.].
- intricata** (*Idionyx*), 1926 : 201-202, pl. 8, fig. 6. Lectotype ♂ (Fraser, 1936 : 237). Type. *I. intricata* ♂, Cherrapunji, Assam, 6,000', 15.vii-30.viii.23. T. B. Fletcher. det. F. C. Fraser [label F.C.F.]. Allotype ♀. *I. intricata* ♀, Tura, Garo Hills, Assam, 3,500-4,000', 15.vii-30.viii.23, T. B. Fletcher. det. F. C. Fraser [label F.C.F.].
- irata** (*Macromia*), 1924 : 454-455, pl. 25, fig. 6. LECTOTYPE ♂. S. India, Coorg, Bhagmandala Rd, 3.vi.1923, Maj. F. C. Fraser. *Macromia irata* ♂ Type [label F.C.F.]. Allotype ♀. *M. irata* ♀. Napoklu Rd, Coorg. Shot down. 18.v.1924. S. India. F. C. Fraser [label F.C.F.]. The phrase "Shot down" indicates that it was captured by shooting with a dust-shot cartridge.
- [**irma** (*Megalestes*), 1926f : 32-33.] The Fraser collection contained 3 ♂, 1 ♀ with data agreeing with the types and to 1 ♂, 1 ♀ of which he had attached type-labels. These cannot however be the types, which were placed in the Darjeeling Museum where, according to a letter from Fraser (see under *binocellata*, p. 183) they were destroyed by insect pests. The ♂, in addition, has the abdomen 5 mm. shorter than the measurement given for the type. In my opinion these should all be considered as paratypes, though eligible for designation as a neotype should such action be deemed necessary.
- isa** (ssp. of *Zygonyx iris*), 1926 : 767-768. Holotype ♂. *Z. isa* ♂. Maymyo, N. Shan States, U. Burma, coll. F. Wall. 19.vi.24 [label F.C.F.]. This subspecies appears to have been based upon a single specimen, which is thus the holotype.
- isis** (*Zygonyx*), 1924 : 440-441. Holotype ♂. S. India, Coorg, Fraserpet, 14.ix.1923, Maj. F. C. Fraser. *Z. isis* ♂, Fras. Type [label F.C.F.]. Now *Zygonyx torrida isis* Fraser.
- kalarensis** (*Heliogomphus*), 1934 : 329-330, fig. 101b; 1942a : 340. Holotype ♂. *Heliogomphus kallarensis*, Kallar, 1,500', Nilgiris, March 1916, S. India. F. C. Fraser [label F.C.F.]. Allotype ♀. *H. kalarensis* ♀, Kotagiri Ghat, Nilgiris, S. India, 9.vii.33, F. C. Fraser coll. [label F.C.F.]. The specific name and locality are spelt with double "ll" on the holotype label.
- kerri** (*Amphithemis*), 1933c : 130-133, fig. 8. LECTOTYPE ♂. Type F. C. F. Laos, Taweing, 500 m., 4.iv.1932, A. Kerr [label D.E.K.]. *Hylaeoth. kerri* ♂.

[with "Amphi" written below in pencil, label F.C.F.]. Allotype ♀. Laos, Muang Baw, 27.iv.1932, A. Kerr [label D.E.K.]. Allotype. *A. kerri* ♀ [labels F.C.F.]. The specimens were received from Fraser without locality labels and the above labels have been transcribed from the original description.

kerri (*Macrogomphus*), 1932 : 286–287, figs. 1a, b. Holotype ♂. *M. kerri* ♂. Pak Tawan, Pran River, Prachaup Province, N. Siam, 1.viii.31, Coll. A. Kerr [label F.C.F.]. The original description gives the country as P. Siam.

kerri (*Onychogomphus*), 1933c : 141. LECTOTYPE ♂. *Onychogomphus saundersi kerri* ♂. Dawn Ton, N. E. Siam, Dr A. Kerr, 15.v.32, Type ♂ [label F.C.F.]. This species is briefly described as *O. kerri* from two examples (one of which has been traced in the Fraser collection), in the discussion of a female of *O. saundersi* Selys ?, giving characters by which it may be distinguished from *saundersi*, but without locality data.

kerri (race of *Rhinocypha iridea*), 1933c : 121–122, fig. 4b. Holotype ♂. *R. iridea kerri*, Muang Awm, Laos, ca 900 m., 7.iv.32, (Type), Dr A. Kerr coll. [label F.C.F.]. Now *Aristocypha iridea kerri* (Fraser).

kimminsi (*Chlorogomphus*), 1940a : 55–56, fig. 1. Holotype ♂. Pulo Nias. *Chlorogomphus kimminsi* ♂ Fraser [label D.E.K.]. Allotype ♀. Pulo Nias. *Chlorogomphus kimminsi* ♀ Fraser [label D.E.K.]. Fraser has incorrectly interpreted the locality label as Nias Island, Pulo. Pulo is Malay for "island".

kimminsi (*Macromia*), 1954 : 63–64, figs. 2, 6, 7. Holotype ♂. W. Africa, Sierra Leone, Kaballa, 29.v.1912, J. J. Simpson. *M. kimminsi* Fraser ♂, Type. F. C. Fraser det. 1953 [label F.C.F.].

klossi (*Anotogaster*), 1919b : 456–457, pl. 1. Holotype ♀. South Annam [label D.E.K.]. *Dran.* Eyes green, fore body yellow and black, after body tawny and black, base of wings deep yellow. *Anotogaster klossi* Fraser sp. nov. *Anotogaster klossi* Fraser ♀, sp. nov. [label F.C.F.]. The specimen had at some time lost its locality label and BM Register label and these have been replaced.

kodaguensis (*Gomphidia*), 1923a : 671–672. Holotype ♂. S. India, Coorg, Bettagiri, 7.v.1924, Maj. F. C. Fraser. *G. kodaguensis* Fras. ♂. Type F. C. F. [labels F.C.F.].

krishna (*Aciagrion*), 1921 : 543. No specimens labelled *krishna* were found in Fraser's collection but 3 ♂ were located in an envelope labelled "Mahableshwar, Aciagrion hisopa race". The dates fell within the limits of Fraser's visit to this locality (20 April–1 May 1920); it may be mentioned that in the original description the date is given as 23rd May; this should obviously have been 23rd April. These three males have been labelled as Syntypes.

kumaonensis (*Davidius*), 1926d : 170–171, pl. 1, fig. 6. LECTOTYPE ♀. Assam, Kumaon, 7,000 ft., v.1923. T. B. Fletcher [label D.E.K.]. *Davidius kumaonensis* [label F.C.F.]. This specimen has at some time lost its BM Register number label. I have been unable to trace it in the Departmental Register and it has

therefore been re-registered as B.M. 1924-536. The type had also been given an incorrect locality label by Fraser (Kurseong, Sikkim, iv.32 instead of Kumaon, Assam, v.23) and this has been corrected.

lachrymosa (Pacifagrion), 1926g : 505-507, pl. 49; 1953 : 120-122, fig. 1. Holotype ♂. W. Samoa, Upolu Is., Malololelei, 3.vii.1924, J. S. Armstrong. *Pacifagrion lachrymosa* Fras. ♂ Type. Upolu Is., Malololelei, 3.vii.24. F. C. Fraser det. 1924 [label F.C.F.]. Allotype ♀. *P. lachrymosa* Fras. ♀, Fuluason R., above Mooris Dam, 7.x.41, J. S. Armstrong coll. F. C. Fraser det. 1952 [label F.C.F.].

laidlawi (Burmagomphus), 1924 : 475-476. Holotype ♀. *Burmagomphus laidlawi* ♀, Gudalur, Nilgiris, Pandya R., 8.vii.21 [label F.C.F.]. Allotype ♂. *B. laidlawi* Fras., Nilgiri Wynaad, 3,500', 13.viii.22, F. C. Fraser coll. [label F.C.F.]. Originally described as *Gomphus* sp., Fraser, 1922c : 419.

laidlawi (Idionyx), Holotype ♀. Malay Penin.; Pahang, F.M.S., Frasers Hill, 4,200', 2.viii.1932; on reverse, H. M. Pendlebury, F.M.S. Museum. *Idionyx laidlawi* Fr. Type ♀ [label F.C.F.].

[***laidlawi (Pseudagrion)***, 1922 : 48-50.] Type (originally stated to be in Fraser's collection and later (1933b : 296) in BM (NH)) has not yet been traced.

laidlawi (Rhinocypha), 1924 : 482-483, 519-520; 1928 : 457-458, pl. 2, fig. 3. Lectotype ♂ (Fraser, 1934 : 55). S. India, Coorg-Kanara, 9.xi.1923, Maj. F. C. Fraser. *Rhinocypha laidlawi* Type ♂ [label F.C.F.]. Allotype ♀. *C. laidlawi*, Sampaji Ghat, Coorg, 500 ft., 18.i.24, S. India, F. C. Fraser [label F.C.F.]. The type ♂ was presented to BM (NH) in 1927. Now *Calocypha laidlawi* (Fraser).

lankanensis (Ceylonosticta), 1931a : 335, pl. 2, figs. 11-12; 1933 : 220-222, fig. 12. Holotype ♂. Ceylon. Yerbury. Kottawa, 19.iv.92. *Ceylonosticta lankanensis* Fraser ♂ Type, det. D. E. Kimmings, 23.xii.1931. Allotype ♀. *P. lankanensis*. 4 miles above Belihul Oya, Ceylon. 11.v.32. F. C. Fraser [label F.C.F.]. Now *Drepanosticta lankanensis* (Fraser).

laosica (Calopteryx), 1933c : 128-129. Holotype ♂. *A. laosica*. Muang Cha, Laos, Siam, 1,100 m., 17.iv.32, Dr A. Kerr [label F.C.F.]. Now *Agrion laosica* (Fraser).

leoni (Phyllomacromia), 1928a : 138. Holotype ♀. *P. leoni* ♀. Yegi, Volta R., Gold Coast, W. Africa, 13-14.xi.26, H. Hargreaves. *M. leoni* (Fras.) ♀. F. C. Fraser det. 1953 [labels F.C.F.]. Syn. of *Macromia bifasciata* (Martin).

[***leucostigma (Disparoneura)***, 1933e : 225-226.] The original description states "Type and allotype female in Colombo Museum", and a footnote adds "The type, in accordance with the usual custom of the Colombo Museum, will be presented to the British Museum on publication of this paper". This does not appear to have been done. The Fraser collection contains a pair from the type series which should be considered as paratypes. Now *Elatoneura leucostigma* (Fraser).

- libyana** (*Gynacantha*), 1928a : 136. Holotype ♂. *H. libyana* (Fras.), Lake Victoria, Entebbe, Uganda, G. Hale Carpenter, vii-viii.28 [label F.C.F.]. Now *Heliaeschna libyana* (Fraser).
- lieftincki** (*Heliogomphus*), 1942a : 338, fig. 1 (6), 3 (13). Holotype ♀. *Heliogomphus* ♀, Maymyo, Upper Burma, Col. F. Wall. Type. *lieftincki* Fraser [labels F.C.F.].
- lieftincki** (*Macromia*), 1954 : 65-66, figs. 2, 4. LECTOTYPE ♂. Fernando Po, Moka, 28.i-3.ii.1933, W. H. T. Tams. *M. lieftincki* Fraser ♂ Type. F. C. Fraser det. 1953.
- lieftincki** (*Rhodothemis*), 1954b : 148-149, figs. 1m, n. LECTOTYPE ♂. N. Queensland, Annan River, Cooktown, 30.i.51, R. Dobson. I have not been able to trace a female from Annan River or Redlynch in Fraser's collection and I have therefore selected a female from Cooktown, N. Q., i.1908, R. J. Tillyard, BM (NH) coll. as allotype.
- lilliputians** (*Microgomphus*), 1923 : 60; 1923b : 329; 1926a : 855-856, pl. 1, fig. 7. Holotype ♀. *Microgomphus lilliputians* ♀, Tenasserim, Burma, 18.v.22, Type, F. C. Fraser [label F.C.F.]. The first description of this species was in a key to Indian Dragonflies (1923 : 60); an almost identical description occurs in the second reference, a key to Indian Gomphidae. See under **cyaneofrons** (p. 187). In the third reference a full description is given and the type locality is cited. In 1934 : 358, the date of the type is given as 18.iv.1923; this must be incorrect, as the first description was published only two days later!
- lindgreni** (*Onychogomphus*), 1923 : 65 (in key); 1923b : 332 (*Mesogomphus*); 1924c : 995-996. Holotype ♂. *Mesogomphus lindgreni*, Turzum, Darjeeling Dt, O. Lindgren [label F.C.F.]. The locality was incorrectly given and the correct locality has been written on the reverse of the label. Now *Paragomphus lindgreni* (Fraser).
- lindgreni** (*Protosticta*), 1920a : 150. Holotype ♂. India, Darjeeling, iii.1920, O. Lindgren [printed label]. Turzum Tea Estate, Darjeeling, ca Mar. 20. *Protosticta* sp. nov. *P. lindgreni* Fras. ♂, Type specimen [labels F.C.F.]. Syn. of *Protosticta himalaica* Laidlaw.
- longfieldae** (*Enallagma*), 1947a : 146-148, figs. 1b, f, 2a. Holotype ♂. E. Africa, Uganda, W. shores of L. Victoria, vii-ix.1927, G. D. Hale Carpenter [label D.E.K., from pencilled data by F.C.F.]. *Enallagma longfieldae* ♂ Fraser Type [label F.C.F.]. Allotype ♀. Same data. The left superior anal appendage of holotype had been glued to inside of paper triangle by Fraser, but it was missing when triangle was opened for setting (iii.1965).
- longicauda** (*Bayadera*), 1928 : 53. There is some doubt whether the example from Fraser's collection is indeed the type. The original description gives no indication as to the depository of the type but in 1934 : 84, Fraser states that it is in the Darjeeling Museum. In 1958 Fraser wrote to me (see under **binocellata**, p. 183) that the types of Odonata in that museum were almost entirely destroyed.

The specimen of *longicauda* from Fraser's collection has been labelled Type by him, but it may only be a paratype.

longistigma (*Indogomphus*), 1922c : 422-424, pl. 11, fig. 8. LECTOTYPE ♂. *Merogomphus longistigma*, Gudalur, Nilgiris, 3,500', 14.viii.1921, F. C. Fraser. The female of the pair mentioned by Fraser has not been traced in his collection, although it is possible that a female from the same locality but dated 5.viii.21 may be the allotype. There are no specimens with their original determination labels (*Indogomphus*) and the error in altitude of the lectotype and in the date of the female may be due to re-labelling. Now *Merogomphus longistigma* (Fraser).

longistyla (*Esme*), 1931 : 471, Fig. 6, vi. LECTOTYPE ♂. S. India, S. Kanara, Peraje, 8.x.1924, F. C. Fraser. *Esme longistyla* ♂, Type, Sampaji, Coorg, (Peraje enclave), 8.x.24, det. & coll. F. C. Fraser [label F.C.F.]. Allotype ♀. S. India, S. Kanara, Peraje, 14.ix.1924, F. C. Fraser. *Esme longistyla* ♀ cotype, Peraje, S. Canara, 14.ix.24. coll. F. C. Fraser [label F.C.F.].

[**loogali** (*Microgomphus*), 1923 : 60; 1923b : 329.] *M. loogali* was originally described in a key to Indian Dragonflies, without indication that it was a new species or of its locality. (See under **cyaneofrons**, p. 187). Fraser claims to have the type of *loogali*, as well as that of *burmicus* in his collection but I have not found any examples labelled *loogali* and the specimens of *burmicus*, which he places as a synonym of *loogali*, all have dates later than the publication of *loogali*. The type would appear to have been lost.

loringae (*Philoganga*), 1927 : 79-81. LECTOTYPE ♂. Burma, Maymyo, 1.viii.1925, F. Wall. *Philoganga loringae* ♂, det. F. C. Fraser. Type [label F.C.F.]. Allotype ♀. Same data. The date on all three of the type-specimens was given as 19.vi.1924, and has been altered to agree with the published data.

lyttoni (*Gynacantha*), 1926f : 31-32. Holotype ♂. Darjeeling Distr., Singla, April, C. M. Inglis [label D.E.K.]. *Gynacantha lyttoni* ♂ sp. nov. (Type) [label F.C.F.]. Syn. of *Acanthagyna bayadera* (Selys).

mackwoodi (*Caconeura*), 1919 : 876-877. Holotype ♂. *Caconeura mackwoodi* sp. nov., Djatalawa, 5,000 ft., Ceylon. Type. F. C. Fraser [label F.C.F.]. Syn. of *Elattoneura centralis* (Selys).

magnus (*Paragomphus*), 1952 : 6-8, figs. 3a-f. Holotype ♀. Shimba Hills, Kenya Col., Dec. 1950, E. Pinhey. *Paragomphus* n. sp., det. F. C. Fraser, nearest cognatus (Ramb.). Largest species known [label F.C.F.]. Holotype, *Paragomphus magnus* Fraser ♀ [label E. Pinhey].

makoka (*Argia*), 1946 : 455-456, fig. 1a. Holotype ♂. S. America: S. E. Colombia, Umbria, 26.xi.1930. *Argia makoka* n. sp. ♂ [with name kokamella], Umbria, 26.xi.30. *Argia mokaka* ♂ n. sp. Type [labels F.C.F.]. The locality given in the description is Peru, Mishuyacu, xi.30. The spelling "mokaka" is obviously a slip. There is also a ♀ (not mentioned in the description) from Umbria, 31.xii.30, which is marked *Argia makoka* n. sp. Allotype in Fraser's writing. The apex of the abdomen is missing.

- malabarensis** (*Epophthalmia*), 1935 : 328-329. See **binocellata** (*Macromia*).
- malabarensis** (*Lamellogomphus*), 1924c : 990-991. Holotype ♀. *Lamellogomphus malabarensis* ♀, Palghat, Malabar, Coll. T. N. Hearsey, 16.vi.21 [label F.C.F.]. Now *Onychogomphus malabarensis* (Fraser).
- malabarica** (*Lestes*), 1929 : 847-848, pl. 2, fig. 6. Holotype ♂. Type, L. malabarica ♂, Chevayur, Malabar, 26.vi.28, Fraser [label F.C.F.]. Allotype ♀. Same data.
- malabaricum** (*Pseudagrion*), 1924 : 494-495. LECTOTYPE ♂. *Pseudagrion malabaricum* ♂. Kodaikanal, Palni Hills, 4.ix.22, T. B. Fletcher coll., det. F. C. F., Type.
- malabarica** (ssp. of *Zygonyx iris*), 1926 : 764-766. Lectotype ♂ (Fraser, 1936 : 396). India, Nilgiris, 3-4,500 ft., vi.1918, F. C. Fraser. *Z. iris* ♂, June '18, Nilgiris, 3,000-4,500 ft., [label F.C.F.]. *Zygonyx iris malabarica* Fras. ♂ Type, det. D. E. Kimmins, 1962. Allotype ♀. India, Nilgiris, iii.1916, 3,500 ft., F. C. Fraser. *Zygonyx iris* ♂, Nilgiris, 3,500 ft., Mar. 1919, Coll. F. C. Fraser [label F.C.F.]. *Zygonyx iris malabarica* Fraser ♀ Type, det. D. E. Kimmins, 1962.
- malcolmi** (*Brachydiplax*), 1922 : 231. LECTOTYPE ♂. Siam, Bangkok, ix. 1921, E. W. Trotter. *Brachydiplax malcolmi* ♂ Type, Coll. E. W. Trotter, Sept. 21, Bangkok [label F.C.F.]. Allotype ♀. Same data.
- malloryi** (*Davidius*), 1926d : 167-168, fig. 3iv, pl. 1, fig. 5. LECTOTYPE ♂. Assam, 5,500 ft., Khasi Hills, Laitlynghat, 21.iv.1924. Fletcher coll. *Davidius david anchorites* Fraser Type [labels F.C.F.]. *Davidius malloryi* Fras., det. D. E. Kimmins. Ex Pusa Collection. This appears to be another instance of a specific name being changed by Fraser before publication. I have no doubt that this specimen is *D. malloryi* Fraser. There was also a second specimen labelled Type in Fraser's collection, but since the Pusa specimen has been marked Type in B.M. (NH) for about forty years, I see no reason to make a change now.
- martini** (*Davidioides*), 1924 : 472-473, fig. 3. Holotype ♂. *Davidioides martini* ♂, Kunnoth, Malabar, 19.v.23. Type. S. India, F. C. Fraser [label F.C.F.].
- martini** (*Platygomphus*), 1922 : 68-69. Holotype ♂. Shillong, 6.vi.1920, Fletcher coll. Pusa Coll. *Platygomphus martini* ♂, Fraser det. 1921 [label T.B.F.]. Ex Pusa Collection. Now *Merogomphus martini* (Fraser).
- mascarenica** (*Nesocordulia*), 1948 : 5-7, fig. 1. Holotype ♂. *N. mascarenica*, Mandritsara, Madagascar (W. Janson), with on reverse, Type F. C. F. [label F.C.F.]. The allotype ♀ is said to be in the Paris Museum.
- medusa** (*Protosticta*), 1934a : 135-136, fig. 2. Holotype ♂. *P. medusa* Fraser, ♂ Type, Mergui, Lower Burma, coll. Dr A. Kerr, 31.v.1932, det. F. C. Fraser.
- metallica** (ssp. of *Zygonyx iris*), 1931 : 450-451. Holotype ♂. *Z. metallica* Fras. ♂. Vayitri Ghat, 32 mile. S. Malabar, 14.iv.29, coll. F. C. F., Type [label F.C.F.]. Allotype ♀. *Z. metallica* ♀, Vayitri Ghat, S. Malabar, 32 mile, 7.iv.29, F. C. Fraser [label F.C.F.].

- mildredae** (*Ischnura*), 1927 : 87-88. Holotype ♂. Burma, Maymyo, 7.vi.1925, Col. F. Wall. [label D.E.K.]. *Ischnura mildredae* ♂, Fraser, Type [label F.C.F.].
- mildredae** (ssp. of *Zygonyx iris*), 1926 : 766-767. LECTOTYPE ♂. *Z. mildredae*. Am Sakan, N. Shan States, Burma, 18.v.25, F. Wall. Allotype ♀. Same data. The allotype lacks its head.
- millardi** (*Gynacantha*), 1920a : 147. LECTOTYPE ♂. India, Poona, v.1918, F. C. Fraser. *G. millardi* Fraser ♂, Poona, May '18, type spec. [label F.C.F.]. Allotype ♀. Same data. The dates on the type specimens contradict the description, which gives x-xi and ii-iii. Now *Acanthagyna millardi* (Fraser).
- [**miniata** (*Macromia*), 1924 : 450-451, pl. 25, fig. 7]. LECTOTYPE ♂. Coorg, Somwarpet, 1.vii.23. *flavocolorata*. [data on envelope, F.C.F.]. Lectotype ♂, *Macromia miniata* Fraser, det. M. A. Lieftinck. In Leiden Museum. Neither of the two ♂ syntypes had been traced in Fraser's collection, but Dr M. A. Lieftinck recently informed me that he had the specimen listed above, which was presented to him by Fraser as an example of *Macromia flavocolorata* Fraser. Fraser had placed *M. miniata* as a synonym of *M. flavocolorata* and, as in similar cases, had re-labelled it and presumably did not realize that it was one of the types of *miniata* when he gave it away. Dr Lieftinck has marked it as the lectotype of *M. miniata* Fraser, and since the other syntype of *miniata* cannot be traced, I take this opportunity of publishing his designation. Dr Lieftinck also informs me that he considers *M. miniata* to be distinct from *M. flavocolorata*.
- minima** (*Idionyx*), 1931 : 453-455, fig. 1a. LECTOTYPE ♂. Type. *I. minima*, 6.vi.31, Munnar Gt, Travancore, S. India, F. C. Fraser [label F.C.F.]. Allotype ♀. *I. minima*, Munnar Gt, Travancore, F. C. Fraser [label F.C.F.].
- mishuyaca** (*Argia*), 1946 : 453-454, figs. 1b, c. LECTOTYPE ♂. Type. *Argia mishuyaca* ♂, Katzenbach (Mishuyacu), 15 km. v. Iquitos, Peru, x.30. via Nagel [label F.C.F., on reverse of mounting card]. Allotype ♀. *Argia mishuyaca* ♀, Mishuyacu, 4.iv.30 [label F.C.F., on reverse of mounting card].
- mollusca** (*Argia*), 1946 : 454-455, figs. 1j, k, l. LECTOTYPE ♂. Type. *Argia mollusca* ♂, Mishuyacu, Peru, 4.iv.30 [label F.C.F., on reverse of card]. Allotype ♀. Same locality, 24.vii.30 [label F.C.F., as above].
- montana** (*Coelicia*), 1933c : 116-117. Holotype ♂. *C. montana* Fras., Muang Huang, Laos, Evergreen jungle, A. Kerr, Type, 31.iii.32. det. F. C. Fraser [label F.C.F.].
- montanus** (*Phyllogomphus*), 1957 : 14, figs. 1a, 6b, 7c, 8b. Fraser did not specify a holotype, but marked a ♀ in his own collection as Type, probably because it was in better condition than the mis-identified ♀ type of *P. aethiops* Selys in BM (NH). I have accepted the Fraser specimen as type and hereby designate it as LECTOTYPE ♀. The data on the specimen are (1) *Phyllogomphus coloratus* Kimmings, Cameroons, ♀, det. F. C. Fraser ; (2) *Phyllogomphus montanus* Fraser ♀ Type, det. F. C. Fraser [labels F.C.F.] and (3) *Phyllogomphus montanus* Fraser ♀

LECTOTYPE, det. D. E. Kimmins, 1965. The mis-identified ♀ type of *P. aethiops* Selys has been marked as a paratype of *P. montanus* Fraser.

[*montana* (ssp. of *Vestalis gracilis*), 1934 : 128.] The types of this subspecies, which was a new name for *V. gracilis amoena* Fraser, have not yet been traced in the Fraser collection.

mortoni (*Protosticta*), 1924 : 500–501, pl. 26, fig. 4. There has been some confusion over the labelling of the specimens presented to the BM (NH) in 1923 as types of this species. The description gives the type locality as Coorg, Sampaji Ghat, 23.v.23. The specimens bear museum-written labels Mangalore Ghat, 3,000 ft., 13.v.1922. Fraser's collection contains examples from Sampaji Ghat with dates 13.v.22, 13.v.24 and 12.v.32. There have obviously been errors in transcribing dates, etc., both by Fraser and possibly by our setting room staff. Unfortunately the original locality labels from the paper envelopes were not preserved, so there is no way of checking what Fraser actually wrote on these envelopes. I have therefore decided to give the published locality and date to the types presented to BM (NH) by Fraser. There are subsequent examples from Sampaji Ghat dated 1.v.24, but I do not consider them as part of the type series.

Lectotype ♂ (Fraser, 1933b : 113). S. India, Coorg, Sampaji Ghat, 23.v.23, Maj. F. C. Fraser. *Protosticta mortoni* Fras. ms. (Type), *P. mortoni* ♂ [label F.C.F.]. Allotype ♀. Locality as above, *P. mortoni* ♀ Cotype [label F.C.F.].

moundi (*Phyllogomphus*), 1960 : 141–144, figs. a–i. LECTOTYPE ♂. *Phyllogomphus moundi* Fraser ♂ Type, Ibadan, Nigeria, 1960, leg. L. Mound [label F.C.F.]. Allotype ♀. *Phyllogomphus moundi* Fraser, ♀ allotype, Ibadan, Nigeria, 1960, leg. L. Mound [label F.C.F.].

mudiensis (*Esme*), 1931 : 472–473. LECTOTYPE ♂. *Esme mudiensis* ♂, Munar, Travancore, 24.v.29, coll. F. C. Fraser (Type) [label F.C.F.]. Allotype ♀. Same locality, 23.v.29. F. C. F. Coll. Allotype [label F.C.F.].

multinervosa (*Devadatta*), 1933c : 129–130. Holotype ♂ (teneral). Devadatta multinerve, Pu Tat, Laos, ca 1,200 m., Dr A. Kerr, Evergreen jnl., 22.iv.32. Devadatta multinervosa Fraser ♂ Type. D. E. Kimmins det. 1965. This type was located in a store box in Fraser's collection, without any indication that it was a type. It agrees in locality and neuration data and I have no doubt that it is the type. The left fore wing is now missing. The specific name is mis-spelt on the label.

nadganiensis (*Idionyx*), 1924 : 460. Lectotype ♀ (Fraser, 1936 : 238). India, Nilgiris, Nadgani Ghat, 3,000 ft., Maj. F. C. Fraser. *Idionyx nadganiensis* Fraser ♀ Type [label F.C.F.].

naia (*Agriocnemis*), 1932 : 747; 1933b : 387–389, fig. 166. Lectotype ♂ (Fraser, 1933b : 389). Mergui, Burma, Bott coll. *Agriocnemis naia* Fraser [labels F.C.F.]. Allotype ♀. Labels as above. This species was originally described in a key to Indian Dragonflies, without locality or indication that it was a new species. See

under *cyanofrons* (p. 187). The type bears a label by Lieftinck "This is the same species as *nana* Laidlaw". Syn. of *Agriocnemis nana* Laidlaw.

nietneri (*Ceylonosticta*), 1931a : 334-335, pl. 2, figs. vi-viii. Lectotype ♂ (Fraser, 1933 : 218). Type. *C. nietneri*, Kandy, 2,000', Col. F. Wall [label F.C.F.]. The allotype ♀ was destroyed but Fraser selected a replacement female which he suggested should be a neallotype. It is labelled *C. nietneri*, Belihul Oya, Ceylon, 11.v.32, F. C. Fraser. Now *Drepanosticta nietneri* (Fraser).

nigra (*Caconeura*), 1922 : 42-43. Holotype ♂. King Island, Mergui, Bott coll. *Caconeura nigra* Fraser Type ♂, Fraser det. 1921 [labels T.B.F.]. Now *Prodasineura nigra* (Fraser).

nigrescens (*Vestalis*), 1929b : 584-585. LECTOTYPE ♂. *V. nigrescens* ♂, Kandy, Ceylon, 1.ix.24, F. Wall coll. det. F. C. F. Type [label F.C.F.].

nigriceps (*Lestes*), 1924a : 85-86. Lectotype ♂ (Fraser, 1933b : 56). Pusa, 17.vii.22. Fletcher coll. *Lestes nigriceps* Fraser, Type ♂ [labels T.B.F.]. Ex Pusa Collection.

nigricolor (*Amphithemis*), 1922 : 700-701. LECTOTYPE ♂. Type. Bengal, Hasimara, Duars, H. V. O'Donel [label D.E.K.]. *A. nigricolor* ♂ [label F.C.F.]. *Amphithemis nigricolor* Fraser ♂, D. E. Kimmins det. 1962. Allotype ♀. Locality as above. *A. nigricolor* ♀ [label F.C.F.]. *Amphithemis nigricolor* Fraser ♀, D. E. Kimmins det. 1962. Syn. of *Amphithemis vacillans* Selys.

nigricolor (*Hagenius*), 1924a : 76-79, pl. 10, figs. 1-2, 5-7. Holotype ♂. Sieboldius *nigricolor*, S. Shan States, 23.ix.23, Capt. Drummond [label F.C.F.].

nigroflavum (*Ceriagrion*), 1933b : 323-324, figs. 138a-b. Holotype ♂. Lower Burma, *Ceriagrion nigroflavum* Fraser ♂ Type, D. E. Kimmins det., 1965. This specimen and a paratype from Siam were found in envelopes in the Fraser papered collection.

nigrolineatus (*Anax*), 1935b : 23-25. Holotype ♂. *A. nigrolineatus*, Nagri spur, Darjeeling, 31.v.22, Col. Hirst coll. [label F.C.F.]. Allotype ♀. *A. nigrolineatus* [label F.C.F.].

nilgiriensis (ssp. of *Idionyx corona*), 1922 : 66-67. See **burliyarensis** (*Idionyx*), p. 184. The name of this subspecies was changed to *burliyarensis* by Fraser, 1924, when it became a secondary junior homonym, due to the transfer to *Idionyx* of *Phyllomacromia nilgiriensis* Fras., 1918. The latter species was later made the type-species of *Idiophya* Fraser, 1934, but although *I. nilgiriensis* Fraser was only a secondary homonym, under Art. 59 (c) of the Code the name is not eligible for restoration, since it was rejected before 1960. Syn. of *Idionyx corona burliyarensis* Fraser.

nilgiriensis (ssp. of *Onychogomphus biforceps*), 1922c : 425-426, figs. a-c. LECTOTYPE ♂. India, Nilgiris, Gudalur, 16.x.1921, T. B. Fletcher [label D.E.K.]. *Lamellogomphus nilgiriensis* Fras. ♂ Type [label F.C.F.]. Allotype ♀. India. Nilgiris, 3 miles from Gudalur, 16.x.1921, Maj. F. C. Fraser. *Gomphus* ♀,

Gudalur, Type; *O. bifaceps nilgiriensis* ♀ [label F.C.F.]. The locality labels had been incorrectly transcribed in our setting room and have been corrected from the original description.

***nilgiriensis* (*Phyllomacromia*)**, 1918 : 383-384; 1922d : 9. Holotype ♀. *Phyllomacromia?* *nilgiriensis* ♀, Nilgiris, 1917. Type Fraser. Now *Idiophya nilgiriensis* (Fraser).

***nocturnal* (*Periaeschna*)**, 1927 : 71-72. Holotype ♂. Assam 5,000 ft., 14 June 1924, Fletcher coll. Beaten from jungle in Fruit Garden. *Periaeschna nocturnal* Fraser ♂. Type [last two labels T.B.F.]. Ex Pusa Collection.

***obscura* (*Indoneura*)**, 1933b : 257-258, fig. 107. Holotype ♂. *I. ramburi* var. *obscura* Fras. ♂ Type. 10.x.1926. Koropur Ghat, Jaipur, 2,000 ft., coll. C. A. Souter. Type of *I. obscura* Fras. [label F.C.F.]. Now *Caconeura obscura* (Fraser).

***occidentalis* (*Phyllogomphus*)**, 1957 : 18-22, figs. 2a, e, 3c, 6a, 7b. Holotype ♀. Bwake, French Ivory Ct [label F.C.F.]. *Phyllogomphus occidentalis* Fras. ♀ Type, det. Fraser [label D.E.K.].

***octomaculata* (ssp. of *Palpopleura sexmaculata*)**, 1935b : 26-27. LECTOTYPE ♂. Assam, Sylhet, 11.viii.1921 [label D.E.K.]. 11.8.21 [label F.C.F.]. *Palpopleura sexmaculata octomaculata* Fraser, Sylhet, Assam [typewritten]. *Palpopleura sexmaculata octomaculata* Fras. ♂. D. E. Kimmins det. 1962.

***odoneli* (*Caconeura*)**, 1924e : 51-52. LECTOTYPE ♂. Bengal, Hasimara T. E., Duars, 8.iv.1923, H. V. O'Donel [label D.E.K.]. *Caconeura odoneli*, Huldibara T. E., Duars [label F.C.F.]. Allotype ♀. Bengal, Duars, Hasimara T. E., 10.iv.1923 [label D.E.K.]. *Caconeura odoneli*, Silli Toorsa, Duars, 10.4.23 [label F.C.F.]. The discrepancies in locality are probably due to errors in labelling the papered specimens. The lectotype has the head detached and damaged. Now *Prodasineura odoneli* (Fraser).

***odoneli* (*Gomphus*)**, 1922c : 420-421, pl. 11, fig. 5. Holotype ♂. *G. odoneli* ♂, Hasimara, Duars, Bengal, 21.ix.20, Type [label F.C.F.]. Allotype ♀. Same data [label F.C.F.].

***odoneli* (*Gynacantha*)**, 1922b : 700. Holotype ♂. *G. odoneli*, Hasimara, Duars, Bengal, India, H. V. O'Donel [labels F.C.F.]. Now *Acanthagyna odoneli* (Fraser).

***olympicus* (*Chlorogomphus*)**, 1933f : 257-258; 1933a : 464-465. Holotype ♂. *Chlorogomphus olympicus* ♂, Kufri, Simla, 8,400 ft., Capt. Elwes, 9.vi.29 [label F.C.F.]. The second reference also gives *olympicus* as a new species but is two months later.

***orientalis* (*Phyllogomphus*)**, 1957 : 16-18. LECTOTYPE ♂. *Phyllogomphus aethiops* ♂, Bugalla Is., L. Victoria, 1.ix.28. G. Hale Carpenter [label F.C.F.]. *Phyllogomphus orientalis* Fraser ♂, det. F. C. Fraser [label D.E.K.]. Allotype ♀. Same data as ♂. Although labelled as *aethiops* by Fraser, these specimens were placed above a typewritten label *orientalis* in his collection.

- originata** (race of *Polythore derivata*), 1946 : 18–19, fig. 2b. Holotype ♂. Katzenbach (Mishuyacu), 15 km. v. Iquitos, Peru, 13.vii.31. *Polythore* sp. ♂. via Nagel, 1930. *P. derivata* race *originata* ♂. Allotype ♀. Same data as ♂, except date, 22.iii.30.
- ornata** (*Idionyx*), 1921a : 688–689; 1922 : 6. Holotype ♀. Shillong, 2 June 1920, Fletcher coll. Shillong, 2.vi.20, in jungle & difficult to see on wing. *Idionyx ornata* ♀ Type, Fraser det. May 1921 [labels T.B.F.]. *Idionyx optata* Selys ♀ [label F.C.F.]. Ex Pusa Collection. Syn. of *Idionyx optata* Selys.
- osiris** (ssp. of *Zygonyx iris*), 1936 : 400–401. LECTOTYPE ♂. *Z. mildredae* ♂, Ani Sakan, N. Shan Sts, Burma, 18.v.25, F. Wall [label F.C.F.]. *Zygonyx iris osiris* ♂ Fras. Lectotype, D. E. Kimmins det. 1965. The type was not marked by Fraser, and was not traced until 1965, during the preparation of this paper. It was recognized by the nodal indices of the wings, complete distal antenodal nervures and five-celled subtrigone.
- [**ovulosa** (ssp. of *Chlorocypha dispar*), 1947 : 23.] This subspecies is said to be based upon an example in the McLachlan collection from Old Calabar. Fraser did not mark any example in this collection as *ovulosa* and neither of the two Old Calabar examples agree at all well with the characters given by Fraser for this subspecies. There are in fact several inconsistencies in this account of *C. dispar* by Fraser, and one can only assume that he made rather hurried notes during one of his visits to the BM (NH) and later got them mixed. He refers to the type of *dispar* (which we do not have) as being in the BM (NH), from Sierra Leone. He gives a reference to fig. 1f as being from a male from Old Calabar, but according to his legend it is *C. dispar cordosa* from Gaboon. In view of these discrepancies, I find myself unable to recognize a type for the subspecies *ovulosa*.
- pacifica** (*Hemicordulia*), 1925 : 435–436. LECTOTYPE ♂. Western Samoa, Apia, 30.xii.1922, J. S. Armstrong. *pacifica* ♂ [label F.C.F.].
- palampurensis** (ssp. of *Anotogaster basalis*), 1929a : 88–89. Holotype ♂. *A. basalis palampurensis*, Palampur, 4,000 ft., 4.v.25. C. M. Inglis.
- pallidum** (*Ceriagrion*), 1933c : 118–119, fig. 3. LECTOTYPE ♂. Type. Laos, Muang Cha, 1,100 m., iv.32, A. Kerr [label D.E.K.]. *C. pallidum* Fras., ♂ Type, Laos [label F.C.F.]. There is also a female labelled Allotype by Fraser from the same locality, which is not mentioned in the original description.
- pallida** (*Macromia*), 1924 : 456–457, pl. 15, fig. 8. Lectotype ♂ (Fraser, 1936 : 175). *M. pallida*, Hasimara, Duars, Bengal, 22.vi.23, H. V. O'Donel.
- pallidistigma** (*Calilestes*), 1926c : 489. Holotype ♂. Tonkin, Ngaio-Tio, 4,800 ft., 26.iv.1924, H. Stevens. *Podolestes pallidistigma* sp. n. ♂ (Type) F. C. F. [label F.C.F.]. The type is teneral and lacks the left fore wing and segments 7–10 of the abdomen.
- paludensis** (*Aciagrion*), 1922b : 698–699. LECTOTYPE ♂. India, Nilgiris, Masnagudi, 27.xi.1921, F. C. Fraser. *Aciagrion paludensis* Fraser ♂ Type, det. F. C. Fraser [labels D.E.K.]. *Aciagrion paludensis* ♂ Type, Masnagudi, Nilgiris,

- 27.xi.1921, coll. F. C. Fraser [label F.C.F.]. Allotype ♀. Data as ♂. Three of the original type-series of five (those from Masnagudi) were traced in the Fraser collection, in envelopes labelled *Aciagrion occidentale* Laidlaw, with which species it is now synonymized. A ♂ and ♀ were labelled Type and allotype and the ♂ has been chosen as the lectotype. Syn. of *Aciagrion occidentale* Laidlaw.
- papavarina** (*Hetaerina*), 1946 : 33-35, figs. 6a, b, 7a. LECTOTYPE ♂. H. papavarina ♂. Mishuyacu, Peru, 15.viii.30 [label F.C.F.]. Allotype ♀. H. papava [sic], same locality as ♂, 20.viii.30 [label F.C.F.].
- patricia** (*Lestes*), 1924 : 486, pl. 26, fig. 7. Holotype ♂. L. patricia Fras., Virajpet, Coorg, 24.vi.23, coll. F. C. F. [label F.C.F.]. This does not appear to be the original label.
- periyashola** (*Idionyx*), 1939a : 93-94. Holotype ♀. I. periyashola, Manar, Travancore, W. Ghats, 17.v.1933, S. India, F. C. Fraser [label F.C.F.].
- peruviensis** (*Protoneura*), 1946 : 459-460, figs. 5a, b. Holotype ♂. P. peruvienne Fras., Mishuyacu, 2.vii.30 [label F.C.F. on mounting card].
- pinheyi** (*Lestes*), 1955 : 10, figs. 5-6. LECTOTYPE ♂. Rusape, 22.2.48, E. Pinhey. *Lestes* sp. n. E. C. G. Pinhey det. Mar. 1948. L. pinheyi Fraser [label F.C.F.]. Allotype ♀. Same data. L. pinheyi Fraser [label F.C.F.].
- pinheyi** (*Nepogomphoides*), 1952 : 3-6, figs. 1a, b, 2a-d. LECTOTYPE ♂. Kimboza Forest, Uluguru Mts, Tanga Territory, Oct. 1951, E. Pinhey. *Nepogomphoides pinheyi* ♂ Type, F. C. Fraser det. 1952. Syn. of *Nepogomphoides stuhlmanni* (Karsch).
- platyceps** (*Gomphidia*), 1953a : 189-190, figs. n, o. Holotype ♂. Gomphidia platyceps Fraser ♂ Holotype, Bhagmandala, Coorg, 17.vi.24. F. C. Fraser coll. [label F.C.F.].
- platystigma** (*Ceriagrion*), 1941 : 63-64, figs. A (1, 4), B (5). LECTOTYPE ♂. Uganda, N. W. shore of L. Victoria, vii.1927, G. D. Hale Carpenter [label D.E.K.]. Type, *Ceriagrion platystictoides* [sic] ♂ [label F.C.F.]. *Ceriagrion platystigma* Fras. ♂ Type [label D.E.K.]. Allotype ♀. Locality label as above [label D.E.K.], N. Western shores of L. Victoria, July-Sept. '27 [label F.C.F.]. *Ceriagrion platystigma* Fras., ♀ allotype [label D.E.K.]. Fraser's determination label on the lectotype ♂ is "platystictoides" but the published name is "platystigma".
- polychromatica** (*Drepanosticta*), 1931a : 338. Holotype ♂. Darjeeling distr., Gopaldhara, v.vi [label D.E.K.]. D. polychromatica [label F.C.F.]. This is the only example of the species found in Fraser's collection and although not marked by him as the type, I believe it to be the holotype.
- poungyi** (*Coeliccia*), 1924e : 5253. Holotype ♂. Gokteik, [N. Shan States], 1,500 ft., 11.vi.1924, F. Wall. C. poungyi sp. nov., Gokteik, 1,500 ft., F. Wall coll., det. F. C. F., Type [label F.C.F.]. The description gives the date of capture as 26.x.21, probably another error of transcription from the original label.
- praeclarum** (*Pseudagrion*), 1924 : 493-494, fig. 3, vi; 1931 : 466. Holotype ♂. P. praeclarum ♂, Makut, Coorg, 29.xi.23. Coll. F. C. Fraser. Type [labels

F.C.F.]. India, Coorg, Makut, 29.xi.1923, F. C. Fraser. *Pseudagrion praeclarum* Fras., ♂ Type, det. F. C. Fraser [labels D.E.K.]. Allotype ♀. Tamara-cherry, S. Malabar, 23.vi.28, F. C. Fraser coll. *A. mimetes praeclara* ♀. In his second reference to this species Fraser refers to the type as being rather teneral, but neither his original description nor the type suggest this. Syn. of *Archibasis oscillans* (Selys).

***prateri* (*Pseudotramea*)**, 1920a : 149. Holotype ♂. *Pseudotramea prateri* ♂ Type, Turzum, Darjeeling, Bengal, Feb. 1920, F. C. Fraser [label F.C.F.].

***preciosus* (*Orogomphus*)**, 1924a : 75–76, pl. 9, fig. 8; 1929a : 154–156. Holotype ♀. Sikkim, Mungpu, 4,000 ft., 10.v.22. *Orogomphus preciosus* Fras., ♀ Type. Fraser det. 1924 [labels T.B.F.]. Ex Pusa Collection. Allotype ♂. *Chlorogomphus preciosus* ♂, Pashok, Darjeeling, C. M. Inglis, 25.v.25 [label F.C.F.]. Now *Chlorogomphus preciosus* (Fraser).

***protostictoides* (*Protoneura*)**, 1946 : 458–459. Holotype ♂. *P. protostictoides* Fras. Mishuyacu, Peru, 16.vi.30. [label F.C.F., on mounting card].

***pruinans* (*Heliogomphus*)**, 1922c : 416–417, pl. 11, fig. 2. LECTOTYPE ♂. *H. promelas* Selys, Burliyar, Nilgiris, 3,000 ft., 29.vii.21. F. C. Fraser coll. [label F.C.F.]. *Heliogomphus pruinans* ♂ Fraser. Lectotype, D. E. Kimmins det. 1963. Allotype ♀. Same data. Fraser subsequently synonymized his species with *H. promelas* (Selys), removed his original labels and replaced them with new ones, which make no mention of the fact that the specimens were the types of *H. pruinans*. In his re-labelling, the altitude has been changed from 1,500 to 3,000 ft. Syn. of *Heliogomphus promelas* (Selys).

***pruinosa* (*Metacnemis*)**, 1928a : 129–130, fig. 3. LECTOTYPE ♂. Uganda, Budama & Bunyoli, x.1927, G. D. Hale Carpenter. *Metacnemis pruinosa* sp. nov., F. C. Fraser, type [label F.C.F.]. Allotype ♀. Uganda, Budama Dist., x.1927, G. D. Hale Carpenter. *Metacnemis pruinosa* sp. nov. [label F.C.F.]. Syn. of *Metacnemis singularis* (Karsch).

***pulcherrima* (*Ceylonicolestes*)**, 1924 : 487–489, pl. 26, fig. 9. LECTOTYPE ♂. S. India, Coorg, Mercara, 1.v.1923, Maj. F. C. Fraser. *Lestes pulcherrima* ♂ Fras. ms., Sidapur Rd swamp, Mercara, Coorg, 1.v.23 [label F.C.F.]. Allotype ♀. S. India, Coorg, Hallery, Mercara, 25.v.1923, Maj. F. C. Fraser. (Cotype) *pulcherrima* [label F.C.F.]. Now *Lestes* (*Indolestes*) *pulcherrima* (Fraser).

***pulcherrimus* (*Onychogomphus*)**, 1927 : 78–79. LECTOTYPE ♂. *Onychogomphus pulcherrimus* ♂ Type, Maymyo, Upper Burma, 31.v.25. The specific name was originally published as “*pulcherrima*”. Now *Nihonogomphus pulcherrimus* (Fraser).

[***quadrilateralis* (*Aeschna*)**, 1927 : 70–71.] The type of this species (now placed as a synonym of *Tetracanthagyna waterhousei* McLachlan) has not been traced in the Fraser Collection, although it was stated to be there (1936 : 119). It was an incomplete ♂, with the last five abdominal segments missing. Syn. of *Tetracanthagyna waterhousei* McLachlan.

- ramburi** (*Coenagriocnemis*), 1956a : 70-71, fig. 1. LECTOTYPE ♂. Type. Mauritius, Les Mares, 26.xii.1947, J. Vinson, with on reverse, *Coenagriocnemis ramburi* n. sp. ♂, Fraser. *C. ramburi* Fraser ♂ Type, det. F. C. Fraser. Now *Agriocnemis ramburi* (Fraser).
- ramburi** (*Indoneura*), 1922 : 2-3. LECTOTYPE ♂. Madras, Coonoor, 6,000', ix.1924. Mjr F. C. Fraser. *I. ramburi* ♂ Fras., Coonoor, 6,000', Type [label F.C.F.]. Allotype ♀. Madras, Ootacamund, Nilgiri Hills, 27.vii.1921. Mjr F. C. Fraser. *ramburi* Fras. Type. Now *Caconeura ramburi* (Fraser).
- reducta** (*Uracis*), 1946 : 468-469, fig. 6a. Holotype ♂. Peru, Mishuyacu, 31.v.1931. *Uracis reducta* sp. nov. ♂ Type, det. F. C. Fraser. *Uracis reducta* holotypus, präp. Dr Buchholz. The last label refers to a preparation of the penis made by Dr Buchholz.
- rhinoceroides** (*Idionyx*), 1934b : 565, fig. 3F. Holotype ♀. S. Malabar, Mannar-ghat, Dhoni, v.1923, F. C. Fraser [label D.E.K.]. *I. rhinoceroides* ♀ Type [label F.C.F.].
- risi** (*Gomphus*), 1922 : 73-74. Holotype ♀. India, Darjeeling Distr., near Mangpu, 3,400', 31.viii.1920, C. M. Inglis [label D.E.K.]. *Gomphus risi* Fraser ♀ Type [label T.B.F.]. Ex Pusa Collection. The holotype of this species was missing for a number of years in BM (NH), but was discovered in May 1963 in the type collection, over the same label as the type of *Lamelligomphus cacharicus* Fraser. It had apparently been misplaced when the types were removed from the main collection for safety in 1940. In the meantime, as the type could not be traced, Fraser had marked a Neotype in his own collection. This specimen now bears an additional explanatory label. Now *Onychogomphus risi* (Fraser).
- risi** (*Indoneura*), 1931 : 469-471, fig. 6i. LECTOTYPE ♂. Type. *D. risi* (Fraser), Tamaracherry, S. Malabar, 9.x.1928, F. C. Fraser [label F.C.F.]. Now *Caconeura risi* (Fraser).
- risi** (*Mesogomphus*), 1924c : 996-997. Holotype ♂. *Mesogomphus risi* Kalaw, S. Shan States, coll. C. Dingavan. Now *Paragomphus risi* (Fraser).
- robertsi** (*Notiothemis*), 1944 : 42-43, figs. 1 (4-5), 2a. LECTOTYPE ♂. *Notiothemis robertsi* Fraser. L. Victoria, Uganda, vi.27, G. Hale Carpenter [label F.C.F.].
- robusta** (*Protosticta*), 1933c : 111-112. Holotype ♀. Taweing, Laos, ca 800 m., A. Kerr, 6.iv.32. *P. robusta* Fras. ♀ Type, Laos, 6.iv.32, det. F. C. Fraser.
- rusticatus** (*Mesogomphus*), 1928a : 135-136. LECTOTYPE ♂. Uganda, Bugalla, Is. Sesse, L. Victoria, viii.1927, G. Hale Carpenter. *Mesogomphus rusticatus* ♂, sp. nov. Type [label F.C.F.]. Allotype ♀. Same locality and date. Syn. of *Paragomphus hageni* (Selys).
- ruwensoriensis** (*Tetrathemis*), 1941b : 141-142, figs. 5-6. Holotype ♂. Uganda, Ruwenzori Mts, 1927, G. Hale Carpenter [label D.E.K.]. *Tetrathemis ruwensoriensis* Fraser ♂ Type, det. F. C. Fraser.

- saffronata** (*Idionyx*), 1924 : 458–460. Lectotype ♂ (Fraser 1936 : 221). S. India, Coorg, Mercara, 10.v.1923, Maj. F. C. Fraser. *saffronata* Fraser [label F.C.F.]. *Idionyx saffronata* Fraser ♂ [label D.E.K.]. Allotype ♀. S. India, Coorg, on Napoklu Rd, 29.iv.1923, Maj. F. C. Fraser. Flying high in jungle, 5.30 p.m. *Idionyx saffronata* ♀ Fraser [label D.E.K.].
- samoensis** (*Pseudagrion*), 1925 : 430–432, fig. 1. LECTOTYPE ♂. Samoa, Suimu, 27.x.1923, J. S. Armstrong [label D.E.K.]. *P. samoensis* ♂. Allotype ♀. Same data. Presented to BM (NH) as holotype and allotype by Fraser, 1953.
- sanguinostigma** (*Ischnura*), 1953 : 123–124, figs. 4, 5, 10, 11, 15, 18. Holotype ♂. *I. sanguinostigma* Fras. ♂ Type. 1.x.51, Moa Moa stream, Apia. Segs. 8–10 blue. J. S. Armstrong coll. F. C. Fraser det. 1952. Allotype ♀. *I. sanguinostigma* Fras. ♀ Allotype. Moa Moa stream, Apia, 26.v.51. J. S. Armstrong. F. C. Fraser det. 1952. The date of the allotype is given as 1931 in the original description.
- sanguinostigma** (*Protosticta*), 1922d : 6–7, pl. 1, figs. 5, 6. LECTOTYPE ♂. Madras, Burliyar, Nilgiri Hills, Mjr F. C. Fraser, with on reverse, 29.vii.21. *P. sanguinostigma* ♂ Fras. [label F.C.F.]. Allotype ♀. India, Nilgiris, Burliyar, 7.viii.1921, F. C. Fraser [label D.E.K.]. 7.viii.21, Burliyar, *P. sanguinostigma* ♀ Type [labels F.C.F.]. *Protosticta sanguinostigma* Fraser ♀ Allotype [label D.E.K.]. There has been some confusion over the location and labelling of the type. The original description states “Type in my own collection, paratypes in British and Indian Museums.” The dates given are 3.vii and 23.vii.1921. I have not traced any specimens with these dates but 2 ♂ (of the original four) were presented to BM (NH) early in 1922 in a collection containing “types of new species”; one of the males (type) was labelled 7.viii.1921 and the other 29.vii.1921. In addition, a third male has been found in the Fraser papered collection, also dated 29.vii.1921. I have therefore assumed that there had been a printing error in the second date and that the ♂ with a BM Type label (now Lectotype) had also been given an inaccurate date and this has been changed to 29.vii.1921, in agreement with the other two males. The fourth male, possibly dated 3.vii.1921, presumably went to the Indian Museum.
- schmidtii** (*Onychogomphus*), 1937 : 163–164, figs. 1a, 2a. LECTOTYPE ♂. *Onychogomphus* [*bistrigatus* (deleted)] ♂, Gopaldhara, Assam, H. Stevens, 21.ix.10. [Allo(deleted)]type ♂. *schmidtii* Fraser [labels F.C.F.]. *Onychogomphus schmidtii* Fraser, ♂ Lectotype, D. E. Kimmins det. 1965. Allotype ♀. *Onychogomphus* [*bistrigatus* (deleted)] ♀, Simla Sts, 19.vii.28. *schmidtii* Fraser [labels F.C.F.]. *Onychogomphus schmidtii* Fraser, ♀ Allotype, D. E. Kimmins det. 1965. The specimens listed above were the ones which Fraser considered the types of his new species *O. schmidtii*. In BM (NH) there is also a ♂, marked by Fraser as an allotype of *O. bistrigatus* Selys, which is in fact a ♂ *O. schmidtii*.
- seductus** (*Macrogomphus*), 1926h : 737–738, pl. fig. 2, text-figs. 1a, 2iii–v. Holotype ♂. *Macrogomphus seductus* ♂. Hasimara, Duars, Bengal. 8–15.vi.23. H. O'D. [label F.C.F.]. Allotype ♀. Same data [label F.C.F.].

selysi (*Chlorogomphus*), 1929a : 158-160, fig. 32. LECTOTYPE ♂. *Chlorogomphus selysi* ♂, Mangpu, Darjeeling, 6.v.27, F. C. F. [label F.C.F.]. *Chlorogomphus selysi* Fraser, ♂ Type, Moungpoo, Br. Sikkim, 3,600 ft., coll. F. C. Fraser, 27.v.27 F. C. F., [typewritten]. There is also an allotype ♀, *Chlorogomphus selysi* ♀, Mangpu, Darjeeling, 6.v.27, F. C. F., which is not mentioned in the original description. Fraser (1936 : 24) might appear to have indicated a lectotype (Type in British Museum) but this example remained in his own collection until 1958.

senchalensis (ssp. of *Davidius aberrans*), 1926d : 170. Holotype ♀. *Davidius aberrans senchalensis*, Senchal, Darjeeling Distr., 8,000 ft., 19.v.24, C. Inglis [label F.C.F.].

shanensis (*Macromidia*), 1927 : 67-68. Lectotype ♂ (Fraser, 1936 : 210). Type. *Macromidia shanensis*, Maymyo, Upper Burma, 31.v.25, Col. F. Wall [label F.C.F.]. Allotype ♀. *Macromidia shanensis*, Maymyo, Upper Burma, 7.vi.25.

siamensis (*Burmagomphus*), 1926a : 411-412. Holotype ♀. *Burmagomphus siamensis* ♀. Don Chai, 5.xi.23, coll. S. Williamson. Type [label F.C.F.]. The original description gives as locality only Bangkok, Siam. Syn. of *Burmagomphus williamsoni* Fraser.

siamensis (ssp. of *Onychothemis tonkinensis*), 1932 : 284-286. Holotype ♂. *O. testacea siamensis*. Siam. Dr A. Kerr. [label F.C.F.]. *Onychothemis tonkinensis siamensis* Fraser ♂ Type. D. E. Kimmins det. 1965. The unique type was found in a store box, without indication that it was a type. It was identifiable from the two rows of cells in the discoidal field and the uncrossed triangle, both in the right fore wing. Fraser originally described this as a subspecies of *O. tonkinensis*, but the present label is obviously a replacement, as he has now placed it as *O. testacea siamensis*. It may well prove to be a small example of *O. testacea* Laidlaw.

[**siamensis** (*Pseudagrion*). 1922a : 235-236, fig. 2a.] The type of this species has not yet been traced in the Fraser collection.

sikkima (ssp. of *Lestes praemorsa*), 1929 : 843-844. Holotype ♂. N. E. India, Sikkim, Kurseong, 4,300 ft., O. Lindgren [label D.E.K.]. *Lestes*, Sikkim, Lindgren [label F.C.F.]. Allotype ♀. Same data. Additional data obtained from envelope and original description. Now *Paralestes praemorsa sikkima* (Fraser).

sinuatus (*Burmagomphus*), 1933g : 33-35, fig. 6. Holotype ♀. *Burmagomphus sinuatus* ♀, Urugalla, 8.v.32. Type. F. C. Fraser Coll.

smithi (*Crocorthetrum*), 1921b : 162-163, pl. 3. Holotype ♂. *Crocorthetrum smithi* ♂ Type, Langbiang Prov., Siam-Annam Frontier, 12.19-1.20. F. C. Fraser [label F.C.F.].

souteri (*Disparoneura*), 1924 : 521-522. Holotype ♂. India, Coorg, Sampaji, 18.iv.1924, Maj. F. C. Fraser. *D. souteri*. [label F.C.F.]. Allotype ♀. India,

- Coorg, Sampaji Ghat, 18.iv.1924, Maj. F. C. Fraser, *Disparoneura souteri* ♀ [label F.C.F.]. Now *Elattoneura souteri* (Fraser).
- souteri** (ssp. of *Microgomphus torquatus*), 1924 : 474. Holotype ♂. S. India, Coorg, Sampaji Ghat, 7.x.1923, Maj. F. C. Fraser. *Microgomphus souteri* Fras. ♂. Sampaji Ghat, Coorg, 7.x.23, F. C. F. [label F.C.F.]. Allotype ♀. M. souteri Fras., Allotype ♀. Hallery, Coorg, 7.vi.23, Fraser [label F.C.F.]. Now *Microgomphus souteri* Fraser.
- spatula** (*Lestes*), 1946b : 46–48, figs. 1a, b. LECTOTYPE ♂. *L. spatula* Fras. Concordia, R. A., xii.35, coll. Hayward [label F.C.F.]. Allotype ♀. Same data.
- [**spencei** (*Pseudagrion*), 1922 : 47–48.] The holotype ♀ from Shillong (which was in the Pusa collection) has not been traced, and the species was not included in the list of Pusa types presented to the BM (NH). There is in the Fraser collection a male marked Type, which is labelled Shillong, 10.v.22. This is not mentioned in the original description. The label has the appearance of being a fairly recent one and it is possible that it is the allotype ♂, with an incorrect locality label.
- [**stevensi** (*Davidius*), 1923 : 61; 1923b : 330.] Type not traced. This is another case in which Fraser has used a new specific name in a key, without any indication that it is a new species, and apart from the above second reference, has not used it again. See under *cyaneofrons*, (p. 187). It is an available name, and I include it in this paper to draw attention to it, in the hope that a specialist on Indian Gomphines may perhaps be able to recognize it and possibly place it in the synonymy of an earlier species.
- stevensi** (*Idionyx*), 1924 : 462–463, pl. 26, fig. 1. LECTOTYPE ♂. Type. I. stevensi. Gopaldhara, Bengal, 8.vi.21. [label F.C.F.]. Allotype ♀. Assam, Darjeeling Distr., Rungbung Valley, Gopaldhara, H. Stevens [label D.E.K.]. *Idionyx stevensi* Fras. [label F.C.F.].
- stevensi** (*Protosticta*), 1922 : 7–8, pl. 1, figs. 1, 2, 7. LECTOTYPE ♂. S. India, Nilgiris, Coonoor Rd, 2,500 ft., Burliyar R., 29.vii.1921, F. C. Fraser [label D.E.K.]. P. stevensi ♂, Burliyar, 2,500 ft., 19.7.21 [label F.C.F.]. Allotype ♀. Same data, P. stevensi ♀ Fras. [label F.C.F.]. The date in the original description is given as 24 instead of 29. vii. The lectotype is the ♂ presented to the BM (NH) as type. Syn. of *Protosticta gravelyi* Laidlaw.
- stevensoni** (*Gynacantha*), 1927a : 36–37. Holotype ♂. G. stevensoni, Nukualofa, Tonga, 17.ii.1925, G. Hopkins. Now *Acanthagyna stevensoni* (Fraser).
- striatus** (*Onychogomphus*), 1924c : 1001. Holotype ♂. *Onychogomphus striatus* ♂, Kalar, Nilgiris, 1,520 ft., v.1917, F. C. F., Type [label F.C.F.]. The label gives the month of capture as June, not May.
- subaequistyla** (*Copera*), 1928a : 127–128. LECTOTYPE ♂. Uganda, Entebbe, Shore of L. Victoria, vii–viii.1927, G. Hale Carpenter. *Copera subaequistyla* sp. nov. ♂. Type [label F.C.F.]. Allotype ♀. Same data. Now *Platycnemis subaequistyla* (Fraser).

- submontana** (*Ceylonosticta*), 1933 : 214–216, fig. 8. LECTOTYPE ♂. Type. *C. submontana*, Ceylon, Kandy, 1.ix.24, Col. F. Wall. [label F.C.F.]. Allotype ♀. Same data. The ♂ is labelled November instead of September. Now *Drepanosticta submontana* (Fraser).
- submontana** (ssp. of *Vestalis apicalis*), 1934 : 130. Holotype ♂. India, Nilgiris, Gudalur, 3,000 ft., 20.ix.1922, F. C. Fraser. *Vestalis apicalis submontana* Fraser ♂ [labels D.E.K., transcribed from rubber stamped labels]. *V. submontana* (type) [label F.C.F.]. Allotype ♀. Same locality, date 9.ix.1922. *V. submontana* allotype ♀ [label F.C.F.].
- subplatystyla** (*Anisopleura*), 1927 : 81–82. LECTOTYPE ♂. Assam, Shillong, 4.vi.24, T. B. Fletcher. *Anisopleura subplatystyla* ♂ sp. nov., 4.vi.24, Shillong, Assam, coll. T. B. Fletcher, Type [label F.C.F.]. The type was stated to be in the Pusa Collection, but it appears to have remained in Fraser's collection until it was presented by him to the BM (NH) in 1937.
- subtropica** (*Ceylonosticta*), 1933 : 209–211, fig. 5. LECTOTYPE ♂. Type. *C. subtropica*. Pettigalla, Ceylon, 21.vi.26, G. M. Henry. Allotype ♀. *C. subtropica*, Belanagoda, Ceylon, 21.vi.26, G. M. Henry [both labels F.C.F.]. Slips in re-labelling have occurred in both types, the date being given as "iv" instead of "vi", and the collector's initials are G. M., not C. M. or C. Fraser gives no indication as to the number of specimens ; so far only the lectotype and allotype have been found.
- superbus** (*Megalogomphus*), 1931 : 460–463, figs. 3, 4iii. LECTOTYPE ♂. S. India, Coimbatore Distr., v.1931, F. C. Fraser. *Megalogomphus superbus* Fraser ♂, Bolovumpatti Forest, Coimbatore District, F. C. Fraser, May '31 [label F.C.F.]. Allotype ♀. Same data.
- superplatypes** (*Copera*), 1927 : 88–89, figs. 6b, 7b. Holotype ♂. Bengal, Duars, Hasimara T. E., 6.viii.1923, H. V. O'Donel [label D.E.K.]. *Copera superplatypes* Type [label F.C.F.]. This species was based upon a single male. The Fraser collection also contained a specimen labelled by him as allotype ♀ from the same locality. I have not traced any reference to the description of this specimen. The locality labels were large, typewritten ones and were not retained after transcription. Now *Platycnemis superplatypes* (Fraser).
- sylvatica** (*Macromia*), 1954 : 56–58, figs. 4–5. Holotype ♂. Malaba Forest, Kabras, Kenya Colony, June 1932, T. E. Jackson. *Macromia sylvatica* Fras. Holotype ♂ [label F.C.F.]. Allotype ♀. Same data.
- tamaracherriensis** (ssp. of *Merogomphus longistigma*), 1931 : 460. Holotype ♂. *Merogomphus tamaracherriensis* ♂, Tamaracherri, S. Malabar, 19.ix.28, Type [label F.C.F.]. Allotype ♀. Same locality, date 9.ix.28 [label F.C.F.]. Now *Merogomphus tamaracherriensis* Fraser.
- t-coerulea** (*Indoneura*), 1933b : 256. Holotype ♂. Type. *I. ramburi* var *T-coeruleum* Fr., Nilgiris, 24.vii.1921. Coll. F. C. Fraser [label F.C.F.]. Fraser

- infers that he has seen several examples but I have traced only this one specimen in his collection. Now *Caconeura t-coerulea* (Fraser).
- tenaculatus* (*Libyogomphus*)**, 1926b : 358-359. Holotype ♂. Africa, Cameroons ix.1918. *Libyogomphus tenaculatus* Fras. Now *Tragomomphus tenaculatus* (Fraser).
- terminata*** (race of *Polythore derivata*), 1946 : 20-21, fig. 1d. Holotype ♂. San Antonio, Peru, xii.1932. *P. derivata* race *terminata*. Allotype ♀. Same locality, i.1933 [labels F.C.F.]. The date of the allotype differs from that given in the original description (xi-xii.1932).
- theebawi* (*Caconeura*)**, 1922 : 40-41. Holotype ♂. Mergui, 1921, Bott coll. *Caconeura theebawi* Fras., Fraser det. 1921. Type ♀ [3 labels T.B.F.]. Allotype ♀. King Island, Mergui, Bott coll. *Caconeura theebawi* Fraser. Cotype ♀, Fraser det. 1921 [2 labels T.B.F.]. Ex Pusa Collection.
- tillyardi*** (ssp. of *Diphlebia lestoides*), 1956 : 305, figs. 1, 3, 5. LECTOTYPE ♂. *D. lestoides tillyardi* Fraser ♂. Cameron Creek, 28.xii.1954, Mt Tambourine, S. Queensland, R. Dobson coll. det. F. C. Fraser [label F.C.F.]. Allotype ♀. Same locality, date 4.i.1955.
- tillyardi* (*Palaeothemis*)**, 1923 : 33-34, figs. 2, 3. Holotype ♂. Mergui, 1921, Bott coll. *Palaeothemis tillyardi* Fraser, ♂ type, Fraser det. 1922 [labels T.B.F.]. Ex Pusa Collection.
- tonkinicus* (*Onychogomphus*)**, 1926c : 481. Holotype ♂. Tonkin. *Onychogomphus tonkinicus* Fraser ♂ Type.
- travancorensis* (*Idionyx*)**, 1931 : 455-456, fig. 1c. Lectotype ♂ (Fraser, 1934 : 225). Type. I. *travancorensis* ♂, Munnar Ghat, Travancore, 30.v.31. F. C. Fraser. [label F.C.F.]. Allotype ♀. Western Ghat, Travancore, 7.vi.31, F. C. Fraser [label F.C.F.].
- trifoliata* (*Argia*)**, 1946 : 449-450, figs. 1h, i. LECTOTYPE ♂, allotype ♀. S. America, S. E. Colombia, Umbria, 30.xi.30. *Argia trifoliata* n. sp. ♂ & ♀. Type and allotype, det. F. C. Fraser [label F.C.F.]. The combined determination label in Fraser's writing is on the holotype.
- trilobata* (*Protosticta*)**, 1933 : 112-114, fig. 1. Holotype ♂. *P. trilobata* Fraser ♂ Type. Laos, coll. Dr Kerr, 28.iv.1932 [label F.C.F.]. Muang Cha, Laos, ca 1,100 m., coll. A. Kerr, 28.iv.1932 [typed label]. In Fraser's label, the date was given as 25.vi.
- trinervulata* (*Heliaeschna*)**, 1955 : 16-17. Holotype ♂. Entebbe, Uganda, '28. Hale Carpenter. *H. trinervulata* Fraser, ♂ Type, det. F. C. Fraser [labels F.C.F.].
- trituberculata* (*Macromia*)**, 1921a : 685-686. LECTOTYPE ♂. Shillong, 20 Sept. 1920, over stream, Fletcher coll. *Macromia trituberculata* ♂ Fras., Type [label T.B.F.]. Ex Pusa Collection. Syn. of *Macromia moorei* Selys.
- [***trotteri* (*Pseudocopera*)**, 1922a : 237-238.] The types of this species have not yet been traced in the Fraser collection. Probably syn. of *Platycnemis annulata* (Selys).

- umbriaca** (*Argia*), 1946 : 451, fig. 2i, j. LECTOTYPE ♂, allotype ♀. S. America, S. E. Colombia, Umbria, 28.xi.1930. *Argia umbriaca* n. sp. Type & allotype ♀, Umbria, 28.xi.30, det. F. C. Fraser [label F.C.F.]. The allotype now lacks segments 7–10 of the abdomen.
- uncata** (*Protosticta*), 1931a : 75–76. LECTOTYPE ♂. Upper Burma, N. Shan States, Gok Teik, 1.vi.24, F. Wall [label D.E.K.]. *P. uncatus*, Gok Teik, 1.vi.24 [label F.C.F.]. *Protosticta uncata* Fras. ♂ [label D.E.K.]. Allotype ♀. Same data. The specific name (published as *uncatus*) was later corrected by Fraser to *uncata*. The specimens appear to be rather teneral.
- unguiculata** (*Idionyx*), 1926 : 204–205, pl. 8, fig. 3. Lectotype ♂ (Fraser, 1936 : 232). Type. *I. unguiculata* ♂, Maymyo, Upper Burma, 16.vi.25, Col. F. Wall, [label F.C.F.]. Allotype ♀. Burma, Maymyo, 31.v.1925, Col. F. Wall. *Idionyx unguiculata* sp. nov. Allotype [label F.C.F.]. The original locality label on the allotype erroneously gave F. C. Fraser as the collector.
- unifasciata** (*Periaeschna*), 1935b : 25–26. Holotype ♂. *P. unifasciata*, Moongpu, Darjeeling Distr., 28.v.27, F. C. Fraser [label F.C.F.]. Allotype ♀. Same data.
- vallisi** (*Phasmoticta*), 1955a : 227–229, fig. 1. LECTOTYPE ♂. Type. *Phasmoticta vallisi* Fraser ♂. Rockhampton, N. Q., C. Vallis, iv.1954 [label F.C.F.]. Allotype ♀. Same data. The labels on these two specimens give the date of capture as iii.1955.
- varralli** (*Mortonagrion*), 1920 : 148. LECTOTYPE ♂. India, Bombay, Vihar Lake, Mar. 1919. *Mortonagrion varralli* Fras. Type [label F.C.F.].
- veronica** (*Indolestes*) 1924a : 85. Lectotype ♀ (Fraser, 1933b : 77). Kumaon, 7,500 ft., Muktesar, 1 Oct. 1922, Fletcher coll. *Indolestes veronica* Fraser ♀ Type, Fraser det. 1922 [label T.B.F.]. *Indolestes veronica* ♀ sp. nov. Type [label F.C.F.]. Ex Pusa Collection. A nymphal exuvium is associated with the type. Syn. of *Lestes* (*Indolestes*) *cyaneus* Selys.
- versicolor** (*Telebasis*), 1946 : 42–43, fig. 12. Holotype ♂. *Telebasis versicolor* Fras., Umbria, S. E. Colombia. [label F.C.F., on mounting card].
- v-flavum** (*Burmagomphus*), 1926a : 414–415. LECTOTYPE ♀. *Burmagomphus v-flavum* ♀, Maymyo, Burma, F. Wall coll. 15.vi.24. Type [label F.C.F.].
- victoria** (*Agriocnemis*), 1928a : 123–125, fig. 1. LECTOTYPE ♂. Uganda, N. W. shores of Lake Victoria, vii–ix.1927, G. D. Hale Carpenter. *Agriocnemis victoria* sp. nov. [label F.C.F.].
- vinsoni** (*Ischnura*), 1949 : 140, figs. 1a, b, c. LECTOTYPE ♂. Mauritius, Moka, 12.i.1947, J. Vinson [label D.E.K.]. *Ischnura vinsoni* Fraser, Type [label F.C.F.]. Allotype ♀. Same locality, date 12.xii.1946. Fraser presented to the BM (NH) in 1949 a ♂, ♀ of this series as type and allotype, but this was an error on his part, as the specimens were collected later than the type series. The true types were discovered in his collection after his death.

- violacea** (*Coenagrion*), 1924a : 84–85. Holotype ♂. Ranchi, 1.ix.22, Fletcher coll. [label T.B.F.]. *Coenagrion violacea* sp. nov. (Type) [label F.C.F.]. Ex Pusa Collection. Wings rather damaged, right pair with only bases remaining.
- viridata** (*Rhinagrion*), 1938 : 198. Holotype ♂. *Rhinagrion viridata* ♂, Tenasserim–Bachrup boundary, 28.v.32, A. Kerr coll. [label F.C.F.].
- viridis** (*Drepanosticta*), 1922 : 39–40. Holotype ♂. Mergui, Bott coll. *Drepanosticta viridis* ♂ Type [labels T.B.F.]. Ex Pusa Collection.
- vitrinella** (*Rhinocypha*), 1935 : 332–333. Holotype ♂. *R. vitrinella* ♂, Cachar, Assam, Antram coll. [label F.C.F.].
- walli** (*Ceylonosticta*), 1931a : 335–336. The holotype could not be traced in Fraser's collection. He therefore selected the following ♀ specimen, which he suggested should be considered as NEOTYPE. It bears the following labels: *C. walli* ♀, Kadugannawa Ghat, Kandy, Ceylon, 14.v.32. F. C. Fraser coll. [label F.C.F.]. Type ♀ untraced. This specimen selected as neotype in consultation with F. C. Fraser, 1958 [label D.E.K.]. Allotype ♂. Same locality and date.
- walli** (*Dysphaea*), 1927 : 82–83. LECTOTYPE ♂. *D. walli*, Gok Teik, Burma, 30.v.24. Col. F. Wall [label F.C.F.]. In the original description the locality is given as Maymyo; Gok Teik is probably an error in relabelling. The type was stated to be in the British Museum, but remained in Fraser's collection until his death. The other three males listed have not been traced.
- walli** (*Heliogomphus*), 1925a : 849–851. Holotype ♀. *Heliogomphus walli* ♀, Nalande, Ceylon, 10.ix.24, F. Wall coll. [label F.C.F.]. The allotype ♂ is in the Colombo Museum.
- walli** (*Onychogomphus*), 1924b : 109. Lectotype ♂ (Fraser, 1934 : 288). *Nepogomphus walli* ♂. Maymyo, Upper Burma, vi.24. Type ♂ [label F.C.F.]. Allotype ♀. Same data. Now *Nepogomphus walli* (Fraser).
- wheeleri** (race of *Drepanosticta fontinalis*), 1942 : 96. Holotype ♂. Malaya, Wellesley, Bukit Mertajam, 25.v.1936. *D. fontinalis* Lieft., race *wheeleri* [label F.C.F.]. Syn. of *Drepanosticta fontinalis* Lieftinck.
- wheeleri** (*Gomphidictinus*), 1942 : 100–101, figs. 2–3. Holotype ♂. Malaya, Cameron Highlands Rd, nr Ramaswami Waterfall, 14th mile, 11.viii.1932, R. L. Wheeler. *Gomphidictinus wheeleri* ♂ Type [label F.C.F.]. Syn. of *Gomphidia perakensis* Laidlaw.
- wilkinsi** (*Cyclogomphus*), 1926d : 161–162. Holotype ♂. *Cyclogomphus wilkinsi* ♂. Hunse R., Coorg, Mysore, 12.x.24, coll. F. C. Fraser [label F.C.F.]. Allotype ♀. India, Hunse R., Mysore, 12.x.24, F. C. Fraser. *Cyclogomphus wilkinsi* ♀ Fras. [label D.E.K.].
- williamsoni** (*Gomphidia*), 1923a : 670–671. Holotype ♂. India, Bengal, Hasimara, Duars, v–vi.1923, H. V. O'Donel [label D.E.K.]. *Gomphidia williamsoni* ♂ Type [label F.C.F.]. Allotype ♀. *Gomphidia williamsoni* ♀, Hasimara T. E., Duars, Bengal, H. V. O'Donel [label F.C.F.]. The BM (NH) locality label on the type was inadequate and incorrect, giving no date and Fraser as collector. It

has therefore been replaced. In Fraser's collection another ♂ was discovered incorrectly labelled as type, the type having already been presented to the BM (NH) in 1923.

williamsoni (*Pseudagrion*), 1922 : 46-47. Holotype ♂. Mergui, 1921, Bott coll. *Pseudagrion williamsoni* ♂, Fraser det. 1921. Type [labels T.B.F.]. Ex Pusa Collection.

[**wynaadensis** (race of *Pseudophaea fraseri*), 1922d : 8-9.] I have been unable to trace any specimens referred by Fraser to this race in his collection, and as he makes no subsequent reference to it, one can only presume that he considered it as a synonym of *fraseri*. Now *Indophaea fraseri* (Laidlaw).

wynaadicus (*Macrogomphus*), 1924 : 471-472. Holotype ♀. *M. wynaadicus* ♀, Masnagudi, Nilgiri Hills, 18.viii.22, F. C. Fraser [label F.C.F.].

xanthoptera (*Orogomphus*), 1919 : 874-875. Holotype ♀. Cumbum, Madura Distr., May-June 1917, S. H. Prater. *Orogomphus xanthoptera*, F. C. Fraser, Type. Type ex Bombay Museum. The original description gives the specific name as *xantheptera*. Now *Chlorogomphus xanthoptera* (Fraser).

zeylanica (*Macromia*), 1927 : 69-70. Holotype ♂. *M. zeylanica*. Kandy, Ceylon, 13.ix.24, Col. F. Wall.

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- 1927a. Odonata. *Insects of Samoa and other Samoan terrestrial Arthropoda*. Pt VII, fasc. **1** : 19-44, 5 figs. London.
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APPENDIX

Location of types not in B.M. (N.H.)

<i>acuminatus</i> , <i>Parogomphus</i> , 1944	Tervuren
<i>adamsi</i> , <i>Archaeophya</i> , 1959	Dobson collection
<i>aequatorialis</i> , <i>Oxythemis</i> , 1954	Tervuren
<i>aethiopia</i> , <i>Elattoneura</i> , 1941	Paris
<i>africana</i> , <i>Neodythemis</i> , 1954	Tervuren
<i>albicauda</i> , <i>Nesolestes</i> , 1952	Paris
<i>albicolor</i> , <i>Nesolestes</i> , 1955	Inst. Rech. Sci. Madagascar
<i>anaci</i> , <i>Notogomphus</i> , 1955	Tervuren
<i>andamanensis</i> , <i>Caconeura</i> , 1924	Originally in Indian Mus.*
<i>andamanensis</i> , <i>Lestes</i> , 1924	Originally in Indian Mus.
<i>andamanensis</i> , <i>Micromerus</i> , 1924	Originally in Indian Mus.
<i>andamanicum</i> , <i>Pseudagrion</i> , 1924	Originally in Indian Mus.
<i>angelicum</i> , <i>Pseudagrion</i> , 1947	Paris
<i>annandalei</i> , <i>Anotogaster</i> , 1924	Originally in Indian Mus.
<i>annandalei</i> , <i>Drepanosticta</i> , 1924	Originally in Indian Mus.
<i>annulatum</i> , <i>Ceriagrion</i> , 1955	Tervuren
<i>annulata</i> , <i>Protosticta</i> , 1926	Leiden
<i>apicalis</i> , <i>Anectothemis</i> , 1954	Tervuren
<i>apicale</i> (Schmidt Mss.), <i>Pseudagrion</i> , 1949	Unknown
<i>arnoulti</i> , <i>Neodythemis</i> , 1955	Inst. Rech. Sci. Madagascar
<i>auripennis</i> , <i>Lestes</i> , 1955	Inst. Rech. Sci. Madagascar
<i>auritum</i> , <i>Ceriagrion</i> , 1951	Inst. Rech. Sci. Madagascar
<i>balii</i> , <i>Gomphidia</i> , 1949	Tervuren
<i>basilewskyi</i> , <i>Aethiothemis</i> , 1954	Tervuren
<i>beesoni</i> , <i>Amphiaeschna</i> , 1922	Forest Res. Inst., Dehra Dun, India
<i>berenice</i> , <i>Lokia</i> , 1952	Tervuren
<i>berlandi</i> , <i>Xiphiagrion</i> , 1951	Paris
<i>binocellata</i> , <i>Agriocnemis</i> , 1922	Unknown
<i>bspina</i> , <i>Drepanosticta</i> , 1932	? Brussels
<i>bspina</i> , <i>Malgassophlebia</i> , 1958	Tervuren
<i>bredei</i> , <i>Trithemis</i> , 1952	Tervuren
<i>calcaris</i> , <i>Argiolestes</i> , 1958	Not stated, ? Dobson coll.
<i>carinata</i> , <i>Idionyx</i> , 1926	Koenigsberg Mus.
<i>carpentieri</i> , <i>Ischnura</i> , 1946	Brussels
<i>cheliferum</i> , <i>Pseudagrion</i> , 1949	Paris
<i>chlorocephus</i> , <i>Pseudagrion</i> , 1955	Paris
<i>chromostigma</i> , <i>Ischnura</i> , 1927	Bishop Museum, Honolulu
<i>coerulea</i> , <i>Indolestes</i> , 1924	? Indian Museum

* The entomological collections were subsequently transferred to Zoological Survey of India, but enquiry revealed that most of these types could not be traced, possibly lost by flood damage during wartime storage.

<i>comorensis</i> , <i>Thermorthemis</i> , 1959	Inst. Rech, Sci. Madagascar
<i>comorensis</i> , <i>Trithemis</i> , 1959	Inst. Rech. Sci. Madagascar
<i>congoensis</i> , <i>Orthetrum</i> , 1949	Inst. Parcs nat. Congo, Brussels
<i>congolialth</i> , <i>Anax</i> , 1953	Tervuren
<i>congolica</i> , <i>Macromia</i> , 1955	Tervuren
<i>conspicuum</i> , <i>Pseudagrion</i> , 1947	Paris
<i>crenulatipennis</i> , <i>Tatocnemis</i> , 1953	Unknown
<i>dahli</i> , <i>Chlorocypha</i> , 1956	Copenhagen, Univ. Mus. Zool.
<i>digitatum</i> (Schmidt Mss), <i>Pseudagrion</i> , 1949	Unknown
<i>diplacoides</i> , <i>Sleuthemis</i> , 1957	Paris
<i>dispar</i> (Schmidt Mss), <i>Pseudagrion</i> , 1949	Unknown
<i>dissimulans</i> , <i>Lestes</i> , 1955	Tervuren
<i>dobsoni</i> , <i>Gynacantha</i> , 1951	Dobson collection
<i>dorothea</i> , <i>Coenagrion</i> , 1924	? Indian Mus.
<i>drocera</i> , <i>Nesolestes</i> , 1951	Paris
<i>dubitalis</i> , <i>Gomphomacromia</i> , 1939	R. Scottish Mus., Edinburgh
<i>dyeri</i> , <i>Argiocnemis</i> , 1920	Originally in Indian Museum
<i>elongata</i> , <i>Gynacantha</i> , 1957	Tervuren
<i>emarginatipennis</i> , <i>Tatocnemis</i> , 1960	Unknown
<i>exclamationis</i> , <i>Himalagrion</i> , 1919	Originally in Indian Mus.
<i>filosa</i> (Schmidt Mss.), <i>Ischnura</i> , 1949	Unknown
<i>flavipes</i> , <i>Gynacantha</i> , 1956	Tervuren
<i>forficuloides</i> , <i>Lestes</i> , 1950	Inst. Rech. Sci. Madagascar
<i>fulvia</i> , <i>Gynacantha</i> , 1926	Leiden
<i>geminata</i> , <i>Caconeura</i> , 1926	Leiden
<i>ghesquierei</i> , <i>Chlorocypha</i> , 1959	Tervuren
<i>goliathus</i> , <i>Anax</i> , 1922	Forest Res. Inst., Dehra Dun.
<i>gracillima</i> , <i>Teinobasis</i> , 1926	Leiden
<i>gravelyi</i> , <i>Argiocnemis</i> , 1920	Originally in Indian Mus.
<i>gregoryi</i> , <i>Anotogaster</i> , 1923	Originally in Indian Mus.
<i>gregoryi</i> , <i>Mnais</i> , 1924	Originally in Indian Mus.
<i>guttifera</i> , <i>Platycnemis</i> , 1950	Paris
<i>hamoni</i> , <i>Aciagrion</i> , 1955	Paris
<i>hamoni</i> , <i>Coenagrion</i> , 1955	Paris
<i>hamoni</i> , <i>Pseudagrion</i> , 1955	Paris
<i>haywardi</i> , <i>Oligoclada</i> , 1947	Inst. Miguel Lillo, Tucuman
<i>henrardi</i> , <i>Elatoneura</i> , 1954	Tervuren
<i>heterosticta</i> , <i>Aciagrion</i> , 1955	Tervuren
<i>hova</i> , <i>Gynacantha</i> , 1956	Paris
<i>igniceps</i> , <i>Pseudagrion</i> , 1953	Paris
<i>igniceps</i> , <i>Pseudagrion</i> , 1953 (pre-occupied name, see <i>chlorocephs</i>)	

<i>immaculifrons</i> , <i>Gynacantha</i> , 1956	Tervuren
<i>imperfecta</i> , <i>Oligocaemia</i> , 1951	Liège Univ. Mus.
<i>inaequistigma</i> , <i>Millotgarion</i> , 1953	Paris
<i>iufumosa</i> , <i>Umma</i> , 1951	Paris
<i>insula</i> , <i>Enallagma</i> , 1920	Originally in Indian Mus.
<i>io</i> , <i>Rhinocypha</i> , 1926	Leiden, (♂ holotype)
<i>javica</i> , <i>Gynacantha</i> , 1926	Leiden, (♀ holotype)
<i>karnyi</i> , <i>Argiolestes</i> , 1926	Leiden, (♂ lectotype)
<i>karnyi</i> , <i>Procordulia</i> , 1926	Leiden (♂ holotype)
<i>kirckhoffae</i> (Schmidt Mss), <i>Protolestes</i> , 1949	Unknown
<i>lankanensis</i> , <i>Macrogomphus</i> , 1933	Colombo Mus.
<i>lejeunei-carpentieri</i> , <i>Lithemis</i> , 1951	Liège Univ. Mus.
<i>leonorae</i> (Schmidt Mss), <i>Protolestes</i> , 1949	Unknown
<i>leopoldi</i> , <i>Neurobasis</i> , 1932	? Brussels
<i>leopoldi</i> , <i>Procordulia</i> , 1932	? Brussels
<i>leucostigma</i> , <i>Disparoneura</i> , 1933	Probably Colombo Mus.
<i>liberiensis</i> , <i>Brachythemis</i> , 1949	IFAN, Dakar
<i>linaenea</i> , <i>Cordulia</i> , 1956	Linnean Soc., London
<i>longistyla</i> , <i>Congothemis</i> , 1959	Tervuren
<i>longiventris</i> , <i>Paragomphus</i> , 1955	Tervuren
<i>lucasi</i> , <i>Leucorrhinia</i> , 1955	Hope Dept. of Entomology, Oxford.
<i>lyratus</i> , <i>Heliogomphus</i> , 1933	Colombo Mus.
<i>maclachlani</i> , <i>Mnais</i> , 1924	Originally in Indian Mus.
<i>madagazureum</i> , <i>Ceriagrion</i> , 1949	Paris
<i>malgassicam</i> , <i>Gynacantha</i> , 1962	Inst. Rech. Sci., Madagascar
<i>malgassica</i> , <i>Nesocordulia</i> , 1956	Inst. Rech. Sci. Madagascar
<i>malgassicum</i> (Schmidt Mss), <i>Pseudagrion</i> , 1949	Unknown
<i>merina</i> (Schmidt Mss), <i>Pseudagrion</i> , 1949	Unknown
<i>metallica</i> , <i>Parathemis</i> , 1926	Originally in Mus. Zool. Bogoriense, now presumed lost (Lieftinck, i.l., 1965)
<i>milloti</i> , <i>Orthetrum</i> , 1949	Inst. Rech. Sci. Madagascar
<i>milloti</i> , <i>Protolestes</i> , 1949	Inst. Rech. Sci. Madagascar
<i>missionensis</i> , <i>Argia</i> , 1948	Inst. Miguel Lillo, Tucuman
<i>molindica</i> , <i>Chlorocypha</i> , 1948	Tervuren
<i>mortoni</i> , <i>Chlorogomphus</i> , 1936	R. Scottish Mus., Edinburgh
<i>multilineata</i> , <i>Diastatomma</i> , 1949	Tervuren
<i>neophytus</i> , <i>Antipodogomphus</i> , 1958	W. Australia Mus.
<i>neurothemiodes</i> , <i>Hemistigma</i> , 1954	Tervuren
<i>obscura</i> , <i>Neurothemis</i> , 1926	Leiden (♂ lectotype)

<i>occidentalis</i> , <i>Macromia</i> , 1954	Paris
<i>pallipes</i> , <i>Aeshna</i> , 1947	Inst. Miguel Lillo, Tucuman
<i>paludinis</i> , <i>Aethiothemis</i> , 1954	Tervuren
<i>pauliani</i> , <i>Neodythemis</i> , 1952	Paris
<i>pauliani</i> , <i>Nesolestes</i> , 1951	Paris
<i>pearsoni</i> , <i>Gomphidia</i> , 1933	Colombo
<i>pinheyi</i> , <i>Platycypha</i> , 1950	Coryndon Mus., Nairobi
<i>platystictoides</i> , <i>Paulianagrion</i> , 1941	Paris
<i>pretentiosa</i> , <i>Zygonyx</i> , 1957	Tervuren
<i>prodigiosa</i> , <i>Zygonyx</i> , 1958	Tervuren
<i>protostictoides</i> , <i>Platycnemis</i> , 1953	Paris
<i>pyriformis</i> , <i>Chlorocypha</i> , 1947	? Paris
<i>radama</i> , <i>Gynacantha</i> , 1956	Location not stated
<i>ranavalonae</i> , <i>Zygonyx</i> , 1949	Paris
<i>rasoherinae</i> , <i>Phaon</i> , 1949	Paris
<i>renaudi</i> , <i>Pseudagrion</i> , 1953	Paris
<i>renei</i> , <i>Crenigomphus</i> , 1936	Paris
<i>reticulata</i> , <i>Gynacantha</i> , 1926	Leiden (♂ holotype)
<i>reuniense</i> , <i>Coenargiocnemis</i> , 1957	Inst. Rech. Sci. Madagascar
<i>robusta</i> , <i>Drepanosticta</i> , 1926	Leiden (♀ holotype)
<i>rodericki</i> , <i>Micromidia</i> , 1959	Dobson collection
<i>rubellocerinum</i> , <i>Ceriagrion</i> , 1947	Paris
<i>sanguinostigma</i> , <i>Ceriagrion</i> , 1955	Tervuren
<i>schoutedeni</i> , <i>Macromia</i> , 1954	Tervuren
<i>schoutedeni</i> , <i>Macrogomphus</i> , 1949	Tervuren
<i>schoutedeni</i> , <i>Phyllogomphus</i> , 1957	Tervuren
<i>selysi</i> , <i>Heliogomphus</i> , 1925	Brussels
<i>selysi</i> , <i>Idionyx</i> , 1926	Brussels
<i>septemflavum</i> , <i>Onychogomphus</i> , 1955	Inst. Parcs nat. Congo, Brussels
<i>seydeli</i> , <i>Chlorocypha</i> , 1955	Tervuren
<i>seydeli</i> , <i>Macromia</i> , 1954	Tervuren
<i>sicilicus</i> , <i>Cordulegaster</i> , 1929	Brussels
<i>siebersi</i> , <i>Drepanosticta</i> , 1926	Leiden (♂ lectotype)
<i>spirillus</i> , <i>Leptogomphus</i> , 1922	Originally in Indian Mus.
<i>splendens</i> , <i>Rhyothemis</i> , 1955	Tervuren
<i>straeleni</i> , <i>Chlorocypha</i> , 1949	Brussels
<i>stygia</i> , <i>Agriocnemis</i> , 1954	Tervuren
<i>subtropicalis</i> , <i>Macromia</i> , 1954	Tervuren
<i>superbum</i> , <i>Pseudagrion</i> , 1956	Tervuren
<i>thenartum</i> , <i>Pseudagrion</i> , 1956	Tervuren
<i>tillyardi</i> , <i>Synlestes</i> , 1948	Brussels
<i>tinctipennis</i> , <i>Pseudagrion</i> , 1957	Inst. Rech. Sci. Madagascar
<i>trithemoides</i> , <i>Porpacithemis</i> , 1958	Tervuren
<i>tropicana</i> , <i>Trithemis</i> , 1952	Tervuren

<i>tuberculicollis</i> (Schmidt Mss), <i>Nesolestes</i> , 1949	Unknown
<i>umbrosa</i> , <i>Zygonyx</i> , 1957	Tervuren
<i>uncatus</i> , <i>Cyanogomphus</i> , 1947	Inst. Miguel Lillo, Tucuman
<i>ungulatum</i> , <i>Pseudagrion</i> , 1951	Inst. Rech. Sci. Madagascar
<i>unifasciata</i> , <i>Macromia</i> , 1954	Inst. Parcs nat. Congo, Brussels
<i>villiersi</i> , <i>Ceriagrion</i> , 1951	Paris
<i>villiersi</i> , <i>Oxythemis</i> , 1951	IFAN, Dakar
<i>villiersi</i> , <i>Prodasineura</i> , 1948	IFAN, Dakar
<i>viridifrons</i> , <i>Gynacanthaeschna</i> , 1922	Forest Res. Inst., Dehra Dun.
<i>viridivittata</i> , <i>Aeshna</i> , 1947	Inst. Miguel Lillo, Tucuman
<i>vridaghi</i> , <i>Elatoneura</i> , 1954	Tervuren
<i>vrydaghi</i> , <i>Orthetrum</i> , 1954	Tervuren
<i>williamsoni</i> , <i>Burmagomphus</i> , 1926	Ann Arbor Mus., Michigan
<i>willinki</i> , <i>Macrothemis</i> , 1947	Inst. Miguel Lillo, Tucuman
<i>willinki</i> , <i>Telebasis</i> , 1948	Inst. Miguel Lillo
<i>wittei</i> , <i>Aeshna</i> , 1955	Inst. Parcs nat. Congo, Brussels
<i>wittei</i> , <i>Chlorocnemis</i> , 1953	Inst. Parcs nat. Congo, Brussels
<i>wittei</i> , <i>Chlorocypha</i> , 1958	Inst. Parcs nat. Congo, Brussels
<i>wittei</i> , <i>Pseudagrion</i> , 1949	Inst. Parcs nat. Congo, Brussels
<i>xerophilus</i> , <i>Onychogomphus</i> , 1956	? Paris
<i>yunnanensis</i> , <i>Brachydiplax</i> , 1924	? Indian Mus.
<i>z-viridulum</i> , <i>Paragomphus</i> , 1955	Inst. Rech. Sci. Madagascar





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