

BULLETIN OF THE ALLYN MUSEUM

3701 Bayshore Rd.
Sarasota, Florida 33580

Published By
The Florida State Museum
University of Florida
Gainesville, Florida 32611

Number 77

27 December 1982

A REVIEW OF EUGENE LE MOULT'S NAMES OF *HELICOPIS*

(Lepidoptera: Riodinidae)

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Vane-Wright (1974) discussed the names proposed by E. Le Moult for butterflies in the genus *Prepona* Boisduval (Nymphalidae), and in like manner, we propose to discuss the names created by the same author for the riodinids of the genus *Helicopis* Fabricius. Unlike the *Prepona* revision, Le Moult's "Revision du genre *Helicopis*..." was substantially completed, and very few manuscript types have been found. There is one such putative "holotype" of a Le Moult *Helicopis* name in the Allyn Museum collection for which no description has been found; perhaps other such specimens exist in other collections, but we are not aware of them.

It cannot be denied that Le Moult was a tireless worker, no matter what may be said about his scientific objectivity or his ethics as a dealer of entomological materials. He was certainly a "splitter" of taxa in the tradition of many European *Parnassius* or *Zygaena* workers, perhaps because he was a dealer and "types" commanded a much higher price than did other, more ordinary specimens.

The genus *Helicopis* was perfect subject for Le Moult's predilection for splitting. The pattern of these butterflies is complicated and minor (and not so minor) variants are common in any population. Therefore, the gathering of long series of these insects invariably will give a significant number of specimens that vary more or less impressively from what is perceived as "normal". It was for these variations that Le Moult assiduously searched for, found and described in his publications (Le Moult, 1939; 1940); the names he proposed are those discussed herein.

After his death, Le Moult's collection was sold in lots at auction in Paris during February, 1968. The senior author, acting as agent for the Allyn Museum of Entomology, attempted to purchase all of the *Helicopis* offered. In this he was mostly suc-

cessful, a few lots going to other bidders (generally lots containing types of aberrations or forms, rather than of available names). Accordingly, the Allyn Museum collection now contains 147 Le Moul't *Helicopsis* holotypes and many allotypes and paratypes. Le Moul't's revision was also based in part on material from the collections of the Muséum national d'Histoire naturelle, Paris, the Musée Royal d'Histoire naturelle de Belgique, Brussels, and the private collection of Madame Fournier de Horrack (now included in the Muséum national d'Histoire naturelle). The Muséum national d'Histoire naturelle contains 12 Le Moul't holotypes, several allotypes and many paratypes. The remaining 23 holotypes apparently were sold at auction to other buyers and their whereabouts is now unknown.

That the 182 names proposed by Le Moul't in *Helicopsis* is extreme may be appreciated by the fact that most classifications of the genus more or less follow that adopted by Seitz (1916: 633-634). That author recognized three species; *e. g.*, *cupido* (Linnaeus) *selene* C. and R. Felder (as *endymion* (Cramer), *nec.* Fabricius, and *gnidus* (Fabricius) (as *acis* (Fabricius), *nec.* Drury). Seitz further recognized one additional subspecies each in *cupido* and *endymion* (= *selene*). Other authors have accepted a few other subspecies, but in no case other than Le Moul't's does the total number of nomenclatorially valid taxa exceed a dozen or so! Le Moul't's characters for separating the taxa were based on the maculation of the wings; depending on the group, the forewing or the hindwing (seldom both) was used, and their variations were faithfully described and named as new. The genitalia were not employed, characteristics of which would have served only to group "taxa" into what Le Moul't considered "species groups" (corresponding to presently recognized species). Only 40 of the 182 names proposed by Le Moul't are available for the species-group, the remainder being infrasubspecific.

Type specimens were labelled in all instances and identified as to their status. A few inconsistencies have been found between Le Moul't's series and the specimens mentioned in the original descriptions. In all cases, these inconsistencies are mentioned in the text here given, as well as instances where Le Moul't has mentioned the wrong sexes of specimens. Whether these inconsistencies arose through error, or whether Le Moul't added specimens at a later date is not known and perhaps never will be at this late date.

The names are listed alphabetically for the *Helicopsis* described by Le Moul't (in all cases they were originally described in *Helicopsis*) (1939; 1940). Names available in the species - group are given in **bold face** type, whereas unavailable, infrasubspecific names are given in *italics*. The disposition of type specimens, where known, is given along with the locality data for the specimens. Finally, a preliminary assignment of each of the Le Moul't taxa is given.

Repositories of the Le Moul't *Helicopsis* specimens are abbreviated as follows: AME = Allyn Museum of Entomology, of the Florida State Museum, Sarasota, Florida, U.S.A.; MNHN = Muséum national d'Histoire naturelle, Paris, France (including the collection of Mme Fournier de Horrack); MRHN = Musée Royal d'Histoire naturelle de Belgique, Brussels, Belgium.

Type specimens are abbreviated as follows: HT = holotype; AT = allotype and PT(s) = paratype(s).

ALPHABETICAL LISTING OF TAXA

aboti Le Moul't, 1940: 125 (as ♀ f. of *H. a. agardi*). Whereabouts of HT ♀ not known; described from a single specimen from Óbidos, Pará, Brasil, in Le Moul't's collection. Probably referable to either *H. cupido lindeni* Grote or *H. c. coria* Stichel, assuming the validity of either name.

achilles Le Moul't, 1940: 130 (as ♂ f. of *H. lindeni*). HT ♂ in AME, bearing labels stating locality as Santarém, Pará, Brasil, and confirming its status as the HT. Four ♂ PTs in MNHN, three from Santarém and one from Taperinha, Pará, Brasil. One ♂ specimen, labelled as a PT, but not mentioned in the original description, is in AME and is considered to be a pseudotype. Probably referable to *H. cupido lindeni*, assuming the validity of that taxon.

aderotica Le Moul, 1940: 124 (as ♂ f. of *H. a. agardi*). HT ♂ and seven ♂ PTs in AME, bearing labels stating locality as Óbidos, Pará, Brasil, and confirming their status as type specimens. Three ♂ PTs from same locality in MNHN. Probably referable to *H. cupido lindeni* or *H. c. coria*, assuming the validity of either taxon.

aeacus Le Moul, 1940: 125 (as ♀ f. of *H. a. agardi*). Described from a ♀ HT and a series of ♀ PTs in Le Moul's collection from Óbidos, Pará, Brasil, but the whereabouts of any type specimen is unknown. Probably referable to *H. cupido lindeni* or *H. c. coria*, assuming the validity of either taxon.

agardi Le Moul, 1940: 122-124; figs. 46-49 (as species of *Helicopsis*). HT ♂ and 19 ♂ PTs in AME, bearing labels stating locality as Óbidos, Pará, Brasil, and confirming their status as type specimens. Eight ♂ and three ♀ PTs from same locality in MNHN. The whereabouts of the AT ♀ and the ♀ PTs originally in Le Moul's collection is not known. An additional ♂, labelled as a PT and from Rio Curusamba, Pará, Brasil, is in AME but is not mentioned in the original description; it is considered to be a pseudotype. A synonym of either *H. cupido lindeni* or *H. c. coria*, if either name is valid.

ajax Le Moul, 1940: 131 (as ♂ f. of *H. lecerfi*). HT ♂ and one ♂ PT in AME, bearing labels stating locality as Manicoré, Rio Madeira, Amazonas, Brasil, and confirming their status as type specimens. One ♂ PT from same locality in MNHN. Probably referable to *H. cupido divergens* Seitz, assuming the validity of that taxon.

albescens Le Moul, 1939: 85; fig. 10 (as species of *Helicopsis*). Unique HT ♂ in AME, bearing labels stating locality as Teffe, Rio Solimões, Amazonas, Brasil, and confirming its status as the HT. Perhaps this is a slight ♂ aberration of Amazonian *H. gnidus*.

albobasalis Le Moul, 1940: 133 (as ♀ f. of *H. lecerfi columbiana*). Unique HT ♀ in MNHN, bearing labels stating locality as Rio Putumayo, S.E. Colombia, and confirming its status as the HT. Perhaps this is an aberration of *H. cupido*, near *gradiva* Stichel.

albocincta Le Moul, 1939: 84; fig. 6 (as f. of *H. acis curusamba*). HT ♂, AT ♀, one ♂ and five ♀ PTs in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. Three ♀ PTs from the same locality and one ♀ PT from Óbidos, Pará, Brasil, in MNHN; the latter may be mislabelled. Apparently a form of *H. gnidus*, perhaps referable to *H. g. curusamba* Le Moul, if that taxon is considered a necessary one.

alboflava Le Moul, 1940: 101 (as ♀ f. of *H. c. cupido*). HT ♀ and nine ♀ PTs in AME, bearing labels stating locality as Bas Maroni, Guyane Française, and confirming their status as type specimens. Two ♀ PTs from Langatabiki and seven ♀ PTs from Rio Mana, both in Guyane Française, in AME and mentioned in the original description. One ♀ PT from "Bas Maroni, Langatabiki" in MNHN. Undoubtedly this is a common ♀ form of *H. c. cupido*.

alboflavoradiata Le Moul, 1940: 101 (as ♀ f. of *H. c. cupido*). HT ♀ in AME, bearing labels stating locality as Bas Maroni, Guyane Française, and confirming its status as the HT. Le Moul (1940: 101) also mentions a series of ♀ PTs from the same locality in his collection, but these have not been located. It is a minor form of *H. c. cupido*.

alboflavornata Le Moul, 1940: 102 (as ♀ f. of *H. c. cupido*). HT ♀ and two ♀ PTs in AME, bearing labels stating locality as Bas Maroni, Guyane Française, and confirming their status as type specimens. One ♀ PT from "Guyane Anglaise" is mentioned in the original description but has not been found. This is another, less common ♀ form of *H. c. cupido*.

albomarginata Le Moul, 1940: 100 (as ♂ f. of *H. c. cupido*). Whereabouts of HT ♂ and the series of ♂ PTs from Langatabiki, Guyane Française, is not known. It is a minor ♂ form of *H. c. cupido*.

alboradiata Le Moul, 1940: 101 (as ♀ f. of *H. c. cupido*). HT ♀ and seven ♀ PTs in AME, bearing labels stating locality as Bas Maroni, Guyane Française, and confirming their status as type specimens. Another ten ♀ PTs, mentioned in the original description, from Langatabiki, Guyane Française, are in AME. One ♀ PT from Bas Maroni is in MNHN. Undoubtedly this is a common ♀ form of *H. c. cupido*.

albotransversa Le Moul, 1940: 100 (as ♂ f. of *H. c. cupido*). Unique HT ♂ in AME,

bearing labels stating locality as Bas Maroni, Guyane Française, and confirming its status as the HT. This is an apparently uncommon ♂ form of *H. c. cupido*.

amazonica Le Moul, 1939: 89; fig. 16 (as species of *Helicopsis*). HT ♂ and AT ♀ in AME, without locality labels but confirming their status as type specimens. A ♀ PT in MNHN mentioned in the original description is labelled "Amaz.". These specimens represent a form or an Amazonian subspecies of *H. gnidus*.

androgynae Le Moul, 1939: 83 (as ♀ f. of *H. acis obidonus*). HT ♀ in AME, bearing labels stating locality as Obidos, Pará, Brasil, and confirming its status as the HT. A series of ♀ PTs from the same locality was mentioned by Le Moul (1939: 83) as from his own collection, but the location of these insects is not known. Perhaps this is referable to a minor ♀ form of an Amazonian subspecies of *H. gnidus*, should such a name be necessary.

aurantiaca Le Moul, 1940: 121 (as ♀ f. of *H. horrackae*). HT ♀ and three ♀ PTs in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming their status as type specimens. This is probably a not uncommon ♀ form of Amazonian *H. cupido* (*gradiva*?).

baucis Le Moul, 1940: 132 (as ♀ f. of *H. l. lecerfi*). HT ♀ in AME, bearing labels stating locality as Manicoré, Rio Madeira, Amazonas, Brasil, and confirming its status as the HT. A series of ♀ PTs from the same locality in Le Moul's collection has not been located. Apparently this is a ♀ form of *H. cupido divergens*, assuming the validity of that taxon.

beaulieui Le Moul, 1939: 89-90; fig. 18 (as species of *Helicopsis*). Unique HT ♂ in MNHN, without locality label but with a label confirming its status as the HT. This specimen may refer to an aberration of an Amazonian subspecies of *H. gnidus*, should such a name be necessary.

belemensis Le Moul, 1940: 108; figs. 34-35 (as subspecies of *H. cupido*). HT ♂, AT ♀ and one ♂ PT in AME, bearing labels stating locality as Belém, Pará, Brasil, and confirming their status as type specimens. Three ♂ and three ♀ PTs in MNHN from "Pará, Amázons". An additional group group of PTs was designated from Le Moul's collection but have not been located. This name is probably a synonym of *H. cupido coria*, should retention of that name be desired.

bergeri Le Moul, 1940: 111-112; figs. 37-39 (as species of *Helicopsis*). HT ♂, AT ♀, eleven ♂ and five ♀ PTs in AME, bearing labels stating locality as Uypiranga, Amazonas, Brasil, and confirming their status as type specimens. The original description, however, lists nine ♂ and eleven ♀ PTs; the problem of whether this was a misprint (perhaps of eleven ♂ and nine ♀ specimens) or whether additional specimens were labelled after the description was published is unresolved at this time. Two ♂ and two ♀ PTs from Uypiranga are in MNHN. This name may refer to a valid Amazonian subspecies of *H. cupido*, depending on what additional material from the region shows.

bilineata Le Moul, 1940: 105 (as ♂ f. of *H. cupido venezuelensis*). HT ♂ and one ♂ PT in AME, bearing labels stating locality as Barrancas, Venezuela, and confirming their status as type specimens. One ♂ PT in AME from Rio Aguiro, Delta Amacuro, Venezuela. The original description lists more than one PT from each locality, but the disposition of these specimens is not known. This is probably a form of *H. c. cupido*, unless the name *tersa* Stichel is valid.

bimarginata Le Moul, 1940: 99 (as ♂ f. of *H. c. cupido*). HT ♂ and 40 ♂ PTs in AME, bearing labels stating locality as Bas Maroni, Guyane Française, and confirming their status as type specimens. 46 ♂ PTs in AME from Langatabiki and Mana River, both in Guayane Française. Seven ♂ PTs from Bas Maroni in MNHN. Four ♂ specimens, labelled as PTs, from various parts of Surinam are in MNHN (ex Fournier collection) but these are not mentioned in the original description and must be considered pseudotypes. This is evidently a very common ♂ form of *H. c. cupido*.

brabanti Le Moul, 1940: 126 (as ♀ f. of *H. a. agardi*). Location of HT ♀ and the series of ♀ PTs from Le Moul's collection is not known. This form was described from Obidos, Pará, Brasil, and is probably a form either of *H. cupido lindeni* or *H. c. coria* should a subspecific name be needed.

brasiliensis Le Moult, 1940: 137; figs. 65-66 (as subspecies of *H. endymion*). HT ♂, AT ♀, three ♂ and six ♀ PTs in AME, bearing labels stating locality as Uypiranga, Amazonas, Brasil, and confirming their status as type specimens. Two ♂ PTs from Óbidos, Pará, Brasil, also in AME. Two ♂ and one ♀ PTs from Manaus, Amazonas, Brasil, and one ♂ and three ♀ PTs from Uypiranga are in MNHN. These specimens are very little different from *H. s. selene*, but that name could apply to an Amazonian subspecies should such a name be desirable.

brisi Le Moult, 1940: 100; fig. 28 (as ♂ f. of *H. c. cupido*). HT ♂ and two ♂ PTs in AME, bearing labels stating locality as Rio Mana, near mouth of Crique Jacques, Guyane Française, and confirming their status as type specimens. This is a minor ♂ form of *H. c. cupido*.

callopea Le Moult, 1940: 130 (as ♀ f. of *H. lindeni*). HT ♀ in AME, bearing labels stating locality as Santarém, Pará, Brasil, and confirming its status as the HT. 11 ♀ PTs from Santarém and three ♀ PTs from Taperinha, Pará, Brasil, in MNHN. This is a minor ♀ probably of *H. cupido lindeni* (or *H. c. coria*), assuming the validity of either.

calypso Le Moult, 1940: 130-131 (as ♀ f. of *H. lindeni*). HT ♀ in AME, bearing labels stating locality as Santarém, Pará, Brasil, and confirming its status as the HT. One ♀ PT from Taperinha, Pará, Brasil, in AME. Two ♀ PTs from Santarém and one ♀ PT from Taperinha in MNHN. Name refers to a very pale form of *H. cupido lindeni*, if that name is needed.

castor Le Moult, 1940: 127 (as ♂ f. of *H. agardi legayi*). HT ♂ and two ♂ PTs in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. One ♂ PT from the same locality in MNHN. This is probably a minor form of *H. cupido lindeni* or *H. c. coria*, assuming the validity of either name.

cinereoflava Le Moult, 1940: 102 (as ♀ f. of *H. c. cupido*). HT ♀ and one ♀ PT in AME, bearing labels stating locality as Bas Maroni, Guyane Française, and confirming their status as type specimens. The only other PT mentioned, a ♀ from Rio Mana, Guyane Française, is also in AME. This is a strange aberration of *H. c. cupido* with pronounced yellow shading near the apex of the forewing.

cinereoradiata Le Moult, 1940: 117 (as ♂ f. of *H. horrackae*). Unique HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. This is a ♂ aberration of Amazonian *H. cupido* (*gradiva*?).

clerci Le Moult, 1940: 125 (as ♀ f. of *H. a. agardi*). The whereabouts of the HT ♀ and the series of ♀ PTs not known. This form was described from Óbidos, Pará, Brasil, and seems to be referable to *H. cupido coria*, if that name is worthy of retention.

columbiana Le Moult, 1940: 132-133 (as subspecies of *H. lecerfi*). HT ♂, AT ♀ and the single ♂ PT in MNHN, bearing labels stating locality as Rio Putumayo, Colombia, and confirming their status as type specimens. This name is available for a Rio Putumayo subspecies of *H. cupido*, but it is probably only a synonym of *H. cupido gradiva*.

curusamba Le Moult, 1939: 84; fig. 5 (as subspecies of *H. acis*). HT ♂, AT ♀, 38 ♂ and 47 ♀ PTs in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. 32 ♂ and 24 ♀ PTs from Rio Curusamba in MNHN. This may be a valid subspecies of *H. gnidus*.

delorme Le Moult, 1940: 118 (as ♂ f. of *H. horrackae*). Unique HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. Apparently this is a rare aberrant ♂ of Amazonian *H. cupido*, perhaps *gradiva*.

diluta Le Moult, 1939: 85 (as ♀ f. of *H. fournerae*). HT ♂ and five ♀ PTs in MNHN, bearing labels stating locality as "Pará, Amazonas", Brasil, and confirming their status as type specimens. A sixth ♀ PT was not found. This is referable to a subspecies of *H. gnidus*, probably *curusamba*.

disjuncta Le Moult, 1940: 132 (as ♂ f. of *H. l. lecerfi*). HT ♂ and six ♂ PTs in AME, bearing labels stating locality as Manicoré, Rio Madeira, Amazonas, Brasil, and confirming their status as type specimens. This is a slight form of *H. cupido divergens*,

assuming the necessity of that name.

duhameli Le Moul't, 1940: 101 (as ♀ f. of *H. c. cupido*). HT ♀ and seven ♀ PTs in AME, bearing labels stating locality as Bas Maroni, Guyane Française, and confirming their status as type specimens. Seven ♀ PTs from Bas Maroni and 19 ♀ PTs from Langatabiki, Guyane Française, in MNHN. One ♀ PT (locality not given) in MRHN. Apparently this is a rather common ♀ form of *H. c. cupido*.

dyeri Le Moul't, 1940: 108-109 (as ♂ f. of *H. cupido belemensis*). Location of the HT ♂ from Belém, Pará, Brasil, originally in Le Moul't's collection, not known. One ♂ PT from Belém and two ♂ PTs from "Pará, Amazonas", Brasil, in MNHN. This is probably a ♂ form of *H. cupido coria*, if that name is necessary.

eburnea Le Moul't, 1940: 120 (as ♂ f. of *H. horrackae*). HT ♂ and two ♂ PTs (only one cited in original description) in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming their status as type specimens. Which of the PTs might have been labelled after publication of the original description, or whether Le Moul't erred in stating that there was only one, is a matter for conjecture and presently is unresolved. This is probably referable to Amazonian *H. cupido (gradiva?)*, assuming that taxon is different from typical *cupido*.

eburneobasalis Le Moul't, 1940: 119 (as ♂ f. of *H. horrackae*). Unique HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. This taxon refers to Amazonian *H. cupido (gradiva?)*, if retention of that name is warranted.

eburneomarginata Le Moul't, 1940: 117 (as ♂ f. of *H. horrackae*). HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. The location of the single PT from the same locality is not known. This is a form of Amazonian *H. cupido (gradiva?)*, assuming the validity of that taxon.

eburneoradiata Le Moul't, 1940: 117-118 (as ♂ f. of *H. horrackae*). Unique HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. This is referable to Amazonian *H. cupido (gradivus?)*.

favreli Le Moul't, 1940: 113 (as ♀ f. of *H. b. bergeri*). HT ♀ and three ♀ PTs (only one mentioned in the original description) in AME, bearing labels stating locality as Uypiranga, Amazonas, Brasil, and confirming their status as type specimens. Whether the PTs are genuine and the manuscript faulty, or *vice versa*, cannot be determined at this time. This is referable to an Amazonian *H. cupido (gradiva?)*.

flavescens Le Moul't, 1940: 102 (as ♀ f. of *H. c. cupido*). HT ♀ and eight ♀ PTs in AME, bearing labels stating locality as Bas Maroni, Guyane Française, and confirming their status as type specimens. Four ♀ PTs from Langatabiki and six ♀ PTs from Rio Mana, both Guyane Française, also in AME. This is a not uncommon ♀ form of *H. c. cupido*.

flavissima Le Moul't, 1940: 124 (as ♂ f. of *H. a. agardi*). HT ♂ in AME, bearing labels stating locality as Óbidos, Pará, Brasil, and confirming its status as the HT. The single ♂ PT, also from Óbidos, in MNHN. Referable to either *H. cupido lindeni* or *H. c. coria*, assuming the need for either name.

flavoalba Le Moul't, 1940: 121-122 (as ♀ f. of *H. horrackae*). HT ♀ and the single ♀ PT in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming their status as type specimens. This is a ♀ form of *H. cupido (gradiva?)*, if that taxon is distinct enough to warrant a name.

flavobasalis Le Moul't Le Moul't, 1940: 117 (as ♂ f. of *H. horrackae*). Unique HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. This is an uncommon ♂ form of *H. cupido (gradiva?)*.

flavocinerea Le Moul't, 1940: 132 (as ♂ f. of *H. l. lecerfi*). Location of HT ♂ and the series of ♂ PTs not known; described from Manicoré, Rio Madeira, Amazonas, Brasil. Apparently this is a ♂ form of *H. cupido divergens*, assuming the necessity of that name.

flavofusca Le Moul't, 1940: 120 (as ♂ f. of *H. horrackae*). Unique HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. Apparently this is a minor ♂ form of *H. cupido gradiva*, assuming the necessity of that name.

flavomarginata Le Moul't, 1940: 126 (as ♂ f. of *H. a. agardi*). HT ♂ and 12 ♂ PTs in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. An additional ♂ PT from the same locality is in MNHN. Probably referable to either *H. cupido coria* or *H. c. lindeni*, assuming the validity of either name.

flavotransversa Le Moul't, 1940: 119 (as ♂ f. of *H. horrackae*). Unique HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. This is referable to *H. cupido gradiva*, if that name is needed.

fleuryi Le Moul't, 1939: 91 (as subspecies of *H. lesoudierae*). Location of HT ♂ from São Paulo de Olivença, Amazonas, Brasil, not known. AT ♀ and two ♂ PTs from the same locality in AME. One ♂ PT from "Amaz. sup." in MNHN. Name available, if needed for Amazonian *H. gnidus*.

fournierae Le Moul't, 1939: 85; fig. 9 (as species of *Helicopsis*). HT ♂, AT ♀, one ♂ and three ♀ PTs in MNHN, bearing labels stating locality as Pará, Brasil, and confirming their status as type specimens. One ♂ and two ♀ PTs from Pará in AME. Name is available for an Amazonian subspecies of *H. gnidus*, should such a name be required.

fulvomarginata Le Moul't, 1940: 124 (as ♂ f. of *H. a. agardi*). HT ♂ and two ♂ PTs in AME, bearing labels stating locality as Óbidos, Pará, Brasil, and confirming their status as type specimens. This is a minor ♂ form of *H. cupido lindeni* or *H. c. coria*, if either of those names is necessary.

fulvonigra Le Moul't, 1940: 121 (as ♀ f. of *H. horrackae*). Unique HT ♀ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. Probably this is a minor form of Amazonian *H. cupido (gradiva?)*.

fumosa Le Moul't, 1940: 116 (as ♂ f. of *H. horrackae*). HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. Location of the single ♂ PT from the same locality mentioned in the original description is not known. It is a minor ♂ form of Amazonian *H. cupido (gradiva?)*.

fusca Le Moul't, 1940: 114 (as ♂ f. of *H. bergeri lehairei*). HT ♂ and one ♂ PT in AME, bearing labels stating locality as Teffe, Rio Solimões, Amazonas, Brasil, and confirming their status as type specimens. This is a minor ♂ form of Amazonian *H. cupido (gradiva?)*.

fuscobasalis Le Moul't, 1940: 119 (as ♂ of *H. horrackae*). Unique HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. This is a minor ♂ form of Amazonian *H. cupido (gradiva?)*.

fuscocastanea Le Moul't, 1940: 132 (as ♀ f. of *H. lecerfi*). HT ♀ and two ♀ PTs in AME, bearing labels stating locality as Manicoré, Rio Madeira, Amazonas, Brasil, and confirming their status as type specimens. This is a large ♀ form of *H. cupido divergens*, assuming the need for that name.

fuscoflava Le Moul't, 1940: 115 (as ♀ f. of *H. b. bergeri*). HT ♀ and two ♀ PTs (only one mentioned in the original description) in AME, bearing labels stating locality as Teffe, Rio Solimões, Amazonas, Brasil, and confirming their status as type specimens. Which, if either, PT was labelled after publication of the description is a matter for conjecture. This is a minor ♀ form of Amazonian *H. cupido (gradiva?)*.

fuscomarginata Le Moul't, 1940: 114 (as ♂ f. of *H. bergeri lehairei*). Unique HT ♂ in AME, bearing labels stating locality as Teffe, Rio Solimões, Amazonas, Brasil, and confirming its status as the HT. This is a minor ♂ form of Amazonian *H. cupido (gradiva?)*.

fusconigra Le Moul't, 1940: 103 (as ♀ f. of *H. cupido pseudogradivus*). HT ♀ and three ♀ PTs in AME, bearing labels stating locality as Gourdonville, Rivière Kourou, Guyane Française, and confirming their status as type specimens. This minor form is surely referable to *H. c. cupido*.

fuscoradiata Le Moul't, 1940: 117 (as ♂ f. of *H. horrackae*). Unique HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. This is a minor ♂ form of Amazonian *H. cupido (gradiva?)*.

fuscocorrecta Le Moul't, 1940: 121 (as ♀ f. of *H. horrackae*). Unique HT ♀ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. This is a minor ♀ form of Amazonian *H. cupido (gradiva?)*.

gelisi Le Moulton, 1940: 126 (as ♀ f. of *H. a. agardi*). Location of the HT ♀ and the ♀ PTs from Obidos, Pará, Brasil, in Le Moulton's collection not known. This name probably refers to a form of *H. cupido lindeni*, should that name be necessary.

grisoli Le Moulton, 1940: 105-106, fig. 31 (as f. of *H. cupido venezuelensis*). Location of HT ♂ from Caracas, Venezuela, not known. AT ♀ from Caracas and one ♀ PT from Barrancas, Venezuela, in AME. One ♂ and six ♀ PTs from Caracas in MNHN. This is a minor form of *H. cupido tersa* Stichel, though that taxon is probably identical with *H. c. cupido*.

horrackae Le Moulton, 1940: 115-116; fig. 43 (as species of *Helicopsis*). HT ♂, AT ♀ and two ♂ PTs in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming their status as type specimens. Both ♂ and ♀ PTs mentioned in the original description, but location of additional type material not known. This is an available, but probably unnecessary, name for Amazonian *H. cupido*.

ininiensis Le Moulton, 1940: 136 (as subspecies of *H. endymion*). HT ♂ and a single ♂ PT in AME, bearing labels stating locality as "territoire de l'Inini, Haut Maroni, Guyane Française", and confirming their status as type specimens. This name is available, but the specimens are very doubtfully distinct from *H. s. selene*.

interrupta Le Moulton, 1939: 86; fig. 12 (as species of *Helicopsis*). HT ♂, AT ♀ and one ♀ PT in AME, bearing labels stating locality as Iquitos, Loreto, Peru, and confirming their status as type specimens. One PT ♂ from Iquitos and one ♂ PT doubtfully from "Pará" in MNHN. Additional ♂ and ♀ PTs from Iquitos from Le Moulton's collection not located. This name is available for an upper Amazonian subspecies of *H. gnidus*, should such a name be necessary.

iris Le Moulton, 1940: 127 (as ♀ f. of *H. agardi legayi*). HT ♀ and one ♀ PT in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. Apparently there are additional ♀ PTs, *ex* Le Moulton collection, but their whereabouts are unknown. Perhaps these specimens represent a ♀ form of either *H. cupido lindeni* or *H. c. coria*, should either name be needed.

juno Le Moulton, 1940: 127 (as ♂ of *H. agardi legayi*). HT ♂ and six ♂ PTs in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. Probably this name is referable to *H. cupido lindeni* or *H. c. coria*, if either name is needed.

lactea Le Moulton, 1940: 122 (as ♀ f. of *H. horrackae*). Unique HT ♀ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. It is a minor ♀ form of Amazonian *H. cupido (gradiva?)*.

lacteoradiata Le Moulton, 1940: 122 (as ♀ f. of *H. horrackae*). HT ♀ in AME, bearing labels stating locality as Nickerie River, Surinam, and confirming its status as the HT. Four ♀ PTs from "Surinam" and Georgetown, British Guiana (Guyana), in MNHN. Surely, this is only a minor ♀ form of *H. c. cupido*.

lanieli Le Moulton, 1940: 125 (as ♀ f. of *H. a. agardi*). Whereabouts of HT ♀ and the ♀ PTs from Obidos, Pará, Brasil, *ex* Le Moulton collection, not known. Almost certainly this is a minor ♀ form of either *H. cupido lindeni* or *H. c. coria*, should either name be worthy of retention.

lecerfi Le Moulton, 1940: 131; figs. 54-56 (as species of *Helicopsis*). HT ♂, AT ♀, two ♂ and one ♀ PTs in AME, bearing labels stating locality as Manicoré, Rio Madeira, Amazonas, Brasil, and confirming their status as type specimens. Two ♂ PTs from Manicoré and one ♂ PT without locality data in MNHN. Name available, but it is probably a junior synonym of *H. cupido divergens*.

leda Le Moulton, 1940: 129 (as ♀ f. of *H. agardi tapajoz*). Unique HT ♀ in AME, bearing labels stating locality as Aveiro, Rio Tapajóz, Pará, Brasil, and confirming its status as the HT. This probably is a form of *H. cupido lindeni*, assuming the validity of that name.

legayi Le Moulton, 1940: 126 (as subspecies of *H. agardi*). HT ♂, AT ♀, 22 ♂ and nine ♀ PTs in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. One ♀ PT from same locality in MNHN. This name available, but probably a synonym of either *H. cupido lindeni* or *H. c. coria*,

should another name than *cupido* be necessary.

legouaisi Le Moul, 1940: 125; figs. 50-51 (as ♀ f. of *H. a. agardi*). Location of HT ♀, described from Óbidos, Pará, Brasil and in Le Moul's collection, not known. Eight ♀ PTs from same locality in MNHN. Apparently this taxon is referable to *H. cupido lindeni*, if that name is needed.

lehairei Le Moul, 1940: 113-114; figs. 40-41 (as subspecies of *H. bergeri*). HT ♂, AT ♀, 19 ♂ and three ♀ PTs in AME, bearing labels stating locality as Teffe, Rio Solimões, Amazonas, Brasil, and confirming their status as type specimens. Three ♂ and one ♀ PTs from same locality in MNHN. This name is available for the Teffe population of *H. cupido*, but even if such a population is recognized, it would probably be under the name *H. cupido gradiva*.

lemaii Le Moul, 1940: 113 (as ♂ f. of *H. b. bergeri*). Unique HT ♀ in AME, bearing labels stating locality as Uypiranga, Amazonas, Brasil, and confirming its status as the HT. Name referable to Amazonian *H. cupido gradiva*?).

lesoudierae Le Moul, 1939: 90-91; fig. 19 (as species of *Helicopsis*). HT ♂, AT ♀, two ♂ and three ♀ PTs in AME, bearing labels stating locality as Uypiranga, Amazonas, Brasil, and confirming their status as type specimens. Three ♂ and three ♀ PTs from Óbidos, Pará, Brasil; one ♂ and two ♀ PTs from Santarém, Pará, Brasil, and one ♂ PT from Rio Curusamba, Pará, Brasil, also in AME. Two ♂ PTs from Óbidos, one ♂ and four ♀ PTs from Itaituba, Pará, Brasil, and one ♂ PT from Manaus, Amazonas, Brasil, in MNHN. This name refers to a group of large *H. gnidus* specimens, perhaps of the same population as *H. g. curusamba* (q. v.).

littoralis Le Moul, 1940: 103-104 (as subspecies of *H. cupido*). HT ♂ and AT ♀ in AME, bearing labels stating locality as lower Nickerie River, Surinam, and confirming their status as type specimens. A ♂ from the same locality in AME is labelled as a PT. According to the original description (Le Moul, 1940: 103-104), these three specimens were in the Fournier collection, but such specimens could not be found in MNHN. Two ♂ PTs from Paramaribo Bay, Surinam, one ♀ PT labelled "Sur" and one ♂ PT without data are in MRHN. There seems no choice but to state that this name is only a synonym of *H. c. cupido*.

livida Le Moul, 1940: 119 (as ♂ f. of *H. horrackae*). Unique HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, and confirming its status as the HT. This is a minor ♂ form of Amazonian *H. cupido gradiva*?).

lucasi Le Moul, 1940: 101 (as ♂ f. of *H. c. cupido*). Whereabouts of HT ♂ and the series of ♂ PTs, described in Le Moul's collection from Langatabiki, Guyane Française, not known. It is referable to *H. c. cupido*.

maculata Le Moul, 1940: 102 (as ♀ f. of *H. c. cupido*). HT ♀ and eight ♀ PTs in AME, bearing labels stating locality as Bas Maroni, Guyane Française, and confirming their status as type specimens. 16 additional ♀ PTs in AME from Langatabiki, Guyane Française. This is a slight ♀ form of *H. c. cupido*, as Le Moul surmised.

madeirensis Le Moul, 1939: 91; fig. 20 (as subspecies of *H. lesoudierae*). HT ♂, AT ♀, six ♂ and nine ♀ PTs in AME, bearing labels stating locality as Manicoré, Rio Madeira, Amazonas, Brasil, and confirming their status as type specimens. One ♂ and one ♀ PTs from Manicoré, one ♀ PT from Pôrto Velho, Rondônia, Brasil, and one ♀ PT without locality data in MNHN. This name is available for an Amazonian subspecies of *H. gnidus*, is one is needed.

manicorensis Le Moul, 1939: 87; fig. 14 (as subspecies of *H. interrupta*). HT ♂, AT ♀, one ♂ and one ♀ PTs in AME, bearing labels stating locality as Manicoré, Rio Madeira, Brasil, and confirming their status as type specimens. This name probably refers to a variant of the last name, and both *madeirensis* and *manicorensis* refer to the same population of *H. gnidus*.

marini Le Moul, 1940: 138 (as subspecies of *H. endymion*). HT ♂ and AT ♀ in AME, bearing labels stating locality as "Peru" and confirming their status as type specimens. If these insects were indeed taken in Peru, the name may be applicable for a subspecies of *H. selene*.

mars Le Moul, 1940: 126 (as ♂ f. of *H. agardi legayi*). HT ♂ and four ♂ PTs in AME,

bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. Probably this is a ♂ form of lower Amazonian *H. cupido* (*coria*?).

massarensis Le Moul, 1940: 133 (as subspecies of *H. lecerfi*). Unique HT ♂ in MNHN, bearing labels stating locality as Massanary, Amazonas, Brasil, and confirming its status as the HT. This name available, but probably unnecessary, for Amazonian *H. cupido* (*gradiva*?).

mayueli Le Moul, 1940: 105 (as ♀ f. of *H. cupido venezuelensis*). HT ♀ in AME, bearing labels stating locality as Barrancas, Venezuela, and confirming its status as the HT. One ♀ PT from Rio Aguiro, Delta Amacuro, Venezuela, in AME. Three ♀ PTs from Caracas, Venezuela, in MNHN. Locations of PTs cited from Le Moul's collection from Tucupita and Caracas, Venezuela, not known. Name is probably referable to *H. c. cupido*, unless *tersa* is needed for the Orinocan populations.

meieri Le Moul, 1940: 118 (as ♂ f. of *H. horrackae*). Unique ♂ HT in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. This is a minor ♂ form of Amazonian *H. cupido* (*gradiva*?).

minerva Le Moul, 1940: 126 (as ♂ f. of *H. agardi legayi*). HT ♂ and two ♂ PTs in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. Apparently, this is a ♂ form of *H. cupido lindeni* or *H. c. coria*, if either name is necessary.

mixta Le Moul, 1940: 115 (as ♀ f. of *H. bergeri lehairei*). HT ♀ and one (of a series) ♀ PT in AME, bearing labels stating locality as Teffe, Rio Solimões, Amazonas, Brasil, and confirming their status as type specimens. This is a minor ♀ form of Amazonian *H. cupido* (*gradiva*?).

muræ Le Moul, 1940: 105 (as ♀ f. of *H. cupido venezuelensis*). HT ♀ in AME, bearing labels stating locality as Rio Aguiro, Delta Amacuro, Venezuela, and confirming its status as the HT. One ♀ PT from Caracas, Venezuela, in AME. Two ♀ PTs from same locality in MNHN. Locations of other ♀ PTs cited in original description from Rio Aguiro and Caracas, ex Le Moul collection, not known. Apparently this is a rather common ♀ form of Venezuelan *H. cupido* (*tersa*?).

nausicaa Le Moul, 1940: 128 (as ♀ f. of *H. agardi legayi*). HT ♀ and seven ♀ PTs in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. Probably this is referable to lower Amazonian *H. cupido* (*coria*?).

nigrescens Le Moul, 1940: 113 (as ♀ f. of *H. b. bergeri*). Unique HT ♀ in AME, bearing labels stating locality as Uypiranga, Amazonas, Brasil, and confirming its status as the HT. This is probably a minor ♀ form of Amazonian *H. cupido* (*gradiva*?).

nigrofusca Le Moul, 1940: 105 (as ♀ f. of *H. cupido venezuelensis*). HT ♀ and one ♀ PT in AME, bearing labels stating locality as Rio Aguiro, Delta Amacuro, Venezuela, and confirming their status as type specimens. Location of additional ♀ PTs mentioned in the original description from Rio Aguiro and Caracas, Venezuela, not known. This is a ♀ form of *H. cupido tersa*, if that taxon is different from the nominate subspecies.

nigromaculata Le Moul, 1939: 85 (as ♀ f. of *H. acis curusamba*). HT ♀ and one ♀ PT in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. Two ♀ PTs from Rio Curusamba in MNHN. This is a dark ♀ form of *H. gnidus curusamba*, if that name is worthy of retention.

nigromarginata Le Moul, 1940: 124-125 (as ♀ f. of *H. a. agardi*). HT ♂ and six ♂ PTs in AME, bearing labels stating locality as Óbidos, Pará, Brasil, and confirming their status as type specimens. 11 ♂ PTs from Óbidos in MNHN (ex Fournier collection). This is probably referable to *H. cupido lindeni* or *H. c. coria*, if either name is necessary.

nigropunctata Le Moul, 1940: 113 (as ♂ f. of *H. b. bergeri*). Unique HT ♂ in AME, bearing labels stating locality as Uypiranga, Amazonas, Brasil, and confirming its status as the HT. This is a minor ♂ form of Amazonian *H. cupido* (*gradiva*?).

nigroradiata Le Moul, 1940: 100; fig. 29 (as ♂ f. of *H. c. cupido*). Location of HT ♂ and the "series" of ♂ PTs from Langatabiki, Guyane Française, and in Le Moul's collection is not known. Apparently it is a ♂ form of *H. c. cupido* with very dark forewings.

nigrorecta Le Moul, 1940: 115 (as ♀ f. of *H. bergeri lehairei*). HT ♀ and four ♀ PTs (only one mentioned in the original description!) in AME, bearing labels stating locality as Teffe, Rio Solimões, Amazonas, Brasil, and confirming their status as type specimens. The problem of which PT (if any) is the one specified in the description is unresolved because the specimens are all labelled identically; perhaps it is best to consider none of them to be truly paratypic. This form refers to Amazonian *H. cupido* (*gradiva*?).

nigrotransversa Le Moul, 1940: 103 (a ♀ f. of *H. cupido pseudogradiva*). HT ♀ and two ♀ PTs in AME, bearing labels stating locality as Gourdonville, Rivière Kourou, Guyane Française, and confirming their status as type specimens. Surely this form is a minor ♀ variant of *H. c. cupido*.

nigroventralis Le Moul, 1940: 128 (as ♂ f. of *H. agardi tapajoz*). Unique HT ♂ in AME, bearing labels stating locality as Aveiro, Rio Tapajóz, Pará, Brasil, and confirming its status as the HT. This is a minor ♂ form of either *H. cupido lindeni* or *H. c. coria*, assuming the necessity of either name.

obidonus Le Moul, 1939: 82-83; fig. 2 (as subspecies of *H. acis*). Location of HT ♂ not known; described from Óbidos, Para, Brasil. AT ♀, seven ♂ and five ♀ PTs from Óbidos in AME. Six ♂ and one ♀ PTs from Óbidos in MNHN. One ♂ PT from Santa Julia, Pará, Brasil, in MRHN. This name is available for a subspecies of *H. gnidus*, but it is probably not significantly different from other such names.

olivencia Le Moul, 1940: 116 (as ♂ f. of *H. horrackae*). HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. Whereabouts of the single ♂ PT from the same locality, mentioned in the description, is not known. This is a minor ♂ form of Amazonian *H. cupido* (*gradiva*?).

ornata Le Moul, 1940: 102 (as ♀ f. of *H. c. cupido*). HT ♀ and seven ♀ PTs in AME, bearing labels stating locality as Bas Maroni, Guyane Française, and confirming their status as type specimens. 12 ♀ PTs from Langatabiki and three ♀ PTs from Rio Mana, both Guyane Française, also in AME. It is a common, but minor, ♀ form of *H. c. cupido*.

ornatissima Le Moul, 1940: 103 (as ♀ f. of *H. cupido pseudogradiva*). HT ♀ and one ♀ PT in AME, bearing labels stating locality as Gourdonville, Rivière Kourou, Guyane Française, and confirming their status as type specimens. This is a less common ♀ form of *H. c. cupido*.

oudini Le Moul, 1940: 101 (as ♀ f. of *H. c. cupido*). HT ♀ and four ♀ PTs in AME, bearing labels stating locality as Bas Maroni, Guyane Française, and confirming their status as type specimens. One ♀ PT from "Guyane" in MNHN. As described, this is a minor ♀ form of *H. c. cupido*.

pallascens Le Moul, 1940: 101 (as ♀ f. of *H. c. cupido*). HT ♀ and one ♀ PT in AME, bearing labels stating locality as Mana River, Guyane Française, and confirming their status as type specimens. Le Moul correctly associated this ♀ form with *H. c. cupido*.

pallida Le Moul, 1940: 104 (as subspecies of *H. cupido*). HT ♂ and AT ♀ in AME, bearing labels stating locality as Demerara River, British Guiana (Guyana), and confirming their status as type specimens. Two putative ♀ PTs in AME from "British Guiana" (one also labelled with the manuscript name "sublindeni"), not mentioned in the original description, are considered to be spurious. These specimens are washed-out examples of *H. c. cupido*.

paraensis Le Moul, 1939: 86; fig. 11 (as subspecies of *H. albescens*). HT ♂, AT ♀ and two ♀ PTs in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. Three ♀ PTs from Óbidos, Pará, Brasil, in AME. One ♀ PT from Óbidos in MNHN. This name is available for lower Amazonian *H. gnidus*, but it seems to be an aberration of *H. g. curusamba* from the same locality.

penelope Le Moul, 1940: 130 (as ♀ f. of *H. lindeni*). HT ♀ in AME, bearing labels stating locality as Santarém, Pará, Brasil, and confirming its status as the HT. Two ♀ PTs from Santarém, and one ♀ PT from Taperinha, Pará, Brasil, in MNHN. Locations of other PTs from Le Moul's collection not known. This is a very minor ♀ form of *H. cupido lindeni*, should even that name be needed.

peruviana Le Moul, 1940: 133 (as subspecies of *H. lecerfi*). Unique HT ♂ in MNHN,

bearing labels stating locality as Iquitos, "Amazon" [=Loreto], Peru, and confirming its status as the HT. This name may be applied to Peruvian *H. cupido* populations, if these differ from *H. c. gradiva*.

philemon Le Moul, 1940: 132 (as ♂ f. of *H. l. lecerfi*). HT ♂ in AME without specific locality label, but stated in the original description to be Manicoré, Rio Madeira, Amazonas, Brasil, and definitely labelled as the HT. One ♂ PT (several cited in description) from Manicoré also in AME. This name probably refers to *H. cupido divergens*, assuming the necessity of that name.

picardi Le Moul, 1940: 102 (as ♀ f. of *H. c. cupido*). HT ♀ and eight ♀ PTs in AME, bearing labels stating locality as Bas Maroni, Guyane Française, and confirming their status as type specimens. An additional nine ♀ PTs from Langatabiki, Guyane Française, also in AME. Two ♀ PTs (and one ♂ labelled as a PT of this definite ♀ form) from Bas Maroni in MNHN; the ♂ is considered to be spurious. This is a minor ♀ form of *H. c. cupido*.

pluto Le Moul, 1940: 135 (as f. of *H. e. endymion*). HT ♂ and nine ♂ PTs in AME, bearing labels stating locality as Bas (or Moyen) Maroni, Guyane Française, and confirming their status as type specimens. The whereabouts of the AT ♀ and other PTs from Le Moul's collection not known. 11 PTs from Bas Maroni in MNHN and five PTs from "Cayenne" [Guyane Française] in MRHN (sexes not stated). This is a minor variant of *H. s. selene*.

poleti Le Moul, 1939: 91-92; fig. 21 (as species of *Helicopsis*). Location of HT ♂ from Uypiranga, Amazonas, Brasil, is not known. AT ♀, 13 ♂ and 12 ♀ from Uypiranga in AME. One ♂ PT from Uypiranga and two ♀ PTs from Manaus, Amazonas, Brasil, in MNHN. This is a representative phenotype of *H. gnidus* from Amazonas.

pollux Le Moul, 1940: 127 (as ♂ f. of *H. agardi legayi*). Unique HT ♂ in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming its status as the HT. This is an insignificant variant of *H. cupido lindeni* or *H. c. coria*, if applicable.

pompeius Le Moul, 1940: 138 (as ♀ f. of *H. endymion brasiliensis*). HT ♀ and one ♀ PT in AME, bearing labels stating locality as Uypiranga, Amazonas, Brasil, and confirming their status as type specimens. One ♀ PT from Óbidos, Pará, Brasil, in AME. This name represents a ♀ form of Brazilian *H. selene*.

priamus Le Moul, 1940: 130 (as ♂ of *H. lindeni*). HT ♂ in AME, bearing labels stating locality as Santarém, Pará, Brasil, and confirming its status as the HT. Six ♂ PTs from Santarém, one ♂ PT from Taperinha, Pará, Brasil, and one ♂ PT without locality data in MNHN. This is a rather insignificant ♂ form of *H. cupido lindeni*, assuming the biological validity of that name.

proserpina Le Moul, 1940: 127-128 (as ♀ f. of *H. agardi legayi*). HT ♀ and one ♀ PT in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. This is a minor ♀ form of *H. cupido (coria? lindeni?)*.

proxima Le Moul, 1940: 112 (as ♂ f. of *H. b. bergeri*). HT ♂ and three ♂ PTs in AME, bearing labels stating locality as Uypiranga, Amazonas, Brasil, and confirming their status as type specimens. This is a minor ♂ form of Amazonian *H. cupido* (perhaps *gradiva*).

pseudalbescens Le Moul, 1939: 84; fig. 8 (as ♂ f. of *H. acis curusamba*). Unique HT ♂ in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming its status as the HT. This is a minor ♂ form of *H. gnidus curusamba*, assuming the biological validity of that taxon.

pseudalbocincta Le Moul, 1939: 88; fig. 15 (as subspecies of *H. interrupta*). Unique HT ♂ in AME, bearing no locality label but confirming its HT status. This is perhaps an available name for Amazonian *H. gnidus*, but it might apply to *H. g. medialis* Schaus and Cockerell.

pseuderotica Le Moul, 1940: 126 (as ♂ f. of *H. agardi legayi*). HT ♂ and six ♂ PTs in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. This is an insignificant ♂ form of *H. cupido lindeni* or *H. c. coria*, if there is a biological need to recognize either of them.

pseudobergeri Le Moul, 1940: 125 (as ♀ f. of *H. a. agardi*). The location of the unique HT ♀ from Óbidos, Pará, Brasil, ex Le Moul collection, is not known. Probably the

name refers to a form of *H. cupido* (*coria*? *lindeni*?).

pseudocoria Le Moul, 1940: 124 (as ♂ f. of *H. a. agardi*). Location of the HT ♂ from Óbidos, Pará, Brasil, ex Le Moul collection, is unknown. One ♂ PT from Óbidos in MNHN. This name, too, applies to *H. cupido* (*coria*? *lindeni*?).

pseudogradivus Le Moul, 1940: 102-103; fig. 30 (as subspecies of *H. cupido*). HT ♂, AT ♀, three ♂ and 20 ♀ PTs in AME, bearing labels stating locality as Gourdonville, Rivière Kourou, Guyane Française, and confirming their status as type specimens. This taxon is surely a junior synonym of *H. c. cupido*.

pseudolindeni Le Moul, 1940: 122; figs. 44-45 (as species of *Helicopsis*). Unique HT ♂ in MNHN, bearing labels stating locality as "Haut-Carsevenne, Brésil septentrional", and confirming its status as the HT. This specimen is a slightly darkened example of *H. cupido lindeni*.

pseudopallida Le Moul, 1940: 105 (as ♀ f. of *H. cupido venezuelensis*). HT ♀ in AME, bearing labels stating locality as Rio Aguiro, Delta Amacuro, Venezuela, and confirming its status as the HT. One ♀ PT from Barrancas, Venezuela, in AME. One ♀ PT from "Venezuela" in MNHN. The locations of the other cited PTs from Rio Aguiro, Barrancas and Caracas, Venezuela, are not known. This is a minor ♀ form of *H. cupido tersa*, if that taxon is separable from *H. c. cupido*.

pseudotransita Le Moul, 1940: 112-113 (as ♂ f. of *H. b. bergeri*). Unique HT ♂ in AME, bearing labels stating locality as Uypiranga, Amazonas, Brasil, and confirming its status as the HT. This is a minor ♂ form of Amazonian *H. cupido (gradiva)*?

pseudotrinitensis Le Moul, 1940: 121 (as ♀ f. of *H. horrackae*). HT ♀ and one ♀ PT in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming their status as type specimens. This is a ♀ form of Amazonian *H. cupido (gradiva)*?

pseudunca Le Moul, 1940: 116 (as ♂ f. of *H. horrackae*). Unique HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. This is a slight ♂ variety of Amazonian *H. cupido (gradiva)*?

putumayensis Le Moul, 1939: 88 (as subspecies of *H. interrupta*). HT ♂, AT ♀ and one ♂ PT in MNHN, bearing labels stating locality as Rio Putumayo, S. E. Colombia, and confirming their status as type specimens. Another ♂ PT without precise data should be in MNHN, but this has not been located. A specimen from Rio Putumayo in AME is labelled as a PT, but this is doubtfully so. This name may apply to *H. gnidus medialis*.

radiata Le Moul, 1940: 127 (as ♂ f. of *H. agardi legayi*). HT ♂ and one ♂ PT in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. This is an insignificant ♂ form of either *H. cupido lindeni* or *H. c. coria*, depending on the necessity for either name.

reducta Le Moul, 1940: 99-100 (as ♂ f. of *H. c. cupido*). Location of HT ♂ from Bas Maroni, Guyane Française, not known. Four ♂ PTs from Bas Maroni and one ♂ PT from Rio Mana, Guyane Française, in AME. Paratypes mentioned in the description from Langatabiki, Guyane Française, have not been located. Le Moul correctly considered this a form of *H. c. cupido*.

riballieri Le Moul, 1940: 103 (as ♂ f. of *H. cupido pseudogradivus*). HT ♂ and six ♂ PTs in AME, bearing labels stating locality as Gourdonville, Rivière Kourou, Guyane Française, and confirming their status as type specimens. This is surely a minor ♂ form of *H. c. cupido*.

rubigofusca Le Moul, 1940: 120 (as ♀ f. of *H. horrackae*). Unique HT ♀ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. This is a ♀ form of Amazonian *H. cupido (gradiva)*?

santaremensis Le Moul, 1939: 83; fig. 3 (as subspecies of *H. acis*). HT ♂, AT ♀, five ♂ and one ♀ PTs in AME, bearing labels stating locality as Santarém, Pará, Brasil, and confirming their status as type specimens. 11 ♂ and six ♀ PTs from Santarém and two ♂ PTs without locality labels in MNHN. This name is available for a subspecies of *H. gnidus*, if desired.

satanas Le Moul, 1940: 138; fig. 67 (as ♂ f. of *H. endymion brasiliensis*). HT ♂ in

AME, bearing labels stating locality as Uypiranga, Amazonas, Brasil, and confirming its status as the HT. Location of the ♂ PTs from the same locality mentioned in the original description is not known. This is a minor ♂ form of Amazonian *H. selene* (*brasiliensis*?).

saturnus Le Moul, 1940: 138 (as ♂ of *H. endymion brasiliensis*). HT ♂ and seven ♂ PTs in AME, bearing labels stating locality as Uypiranga, Amazonas, Brasil, and confirming their status as type specimens. One ♂ PT from Uypiranga and one ♂ PT from Manaus, Amazonas, Brasil, in MNHN. This is a ♂ form of Amazonian *H. selene* (*brasiliensis*?).

semieburnea Le Moul, 1940: 120 (as ♂ f. of *H. horrackae*). Unique HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. This is a minor ♂ form of Amazonian *H. cupido* (*gradiva*?).

semiflava Le Moul, 1940: 100 (as ♂ f. of *H. c. cupido*). The whereabouts of the HT ♂ and the ♂ PTs from Langatabiki, Guyane Française, not known. Apparently this is a minor ♂ form of *H. c. cupido*, as stated by Le Moul.

semiflava Le Moul, 1940: 105 (as ♂ f. of *H. cupido venezuelensis*). HT ♂ in AME, bearing labels stating locality as Barrancas, Venezuela, and confirming its status as the HT. The whereabouts of the ♂ PTs from Barrancas in Le Moul's collection are not known. This is a ♂ form of *H. cupido*, perhaps *tersa*.

seminigra Le Moul, 1940: 132 (as ♀ f. of *H. l. lecerfi*). HT ♀ in AME, bearing no locality label, but stated in description as being from Manicoré, Rio Madeira, Amazonas, Brasil, and having a label identifying it as the HT. One ♀ PT from Manicoré in AME. This is a ♀ form of *H. cupido divergens*, assuming the validity of that name.

sequerae Le Moul, 1940: 116 (as ♂ f. of *H. horrackae*). Unique HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. This is a minor ♂ form of Amazonian *H. cupido* (*gradiva*?).

solimoensis Le Moul, 1939: 87; fig. 13 (as subspecies of *H. interrupta*). HT ♂, AT ♀, three ♂ and seven ♀ PTs in AME, bearing labels stating locality as Teffe, Rio Solimões, Amazonas, Brasil, and confirming their status as type specimens. One ♂ and two ♀ PTs from São Paulo de Olivença, Amazonas, Brasil, in AME. One ♂ PT from Teffe, one ♀ PT from São Paulo de Olivença, one ♂ and one ♀ PTs from "Amazon supérieur" and three ♂ PTs without locality data in MNHN. Name available (but probably unnecessary) for Amazonian *H. gnidus*.

subagardi Le Moul, 1940: 115 (as ♀ f. of *H. bergeri lehairei*). HT ♀ and four ♀ PTs in AME, bearing labels stating locality as Teffe, Rio Solimões, Amazonas, Brasil, and confirming their status as type specimens. This is a slight ♀ form of Amazonian *H. cupido* (*gradiva*?).

subalbocincta Le Moul, 1939: 84; fig. 7 (as f. of *H. acis curusamba*). HT ♂ in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming its status as the HT. A single ♂ PT from the same locality in MNHN. This is a variant of *H. gnidus* (*curusamba*?).

subandrogynae Le Moul, 1939: 84 (as ♀ f. of *H. acis curusamba*). HT ♀ and 29 ♀ PTs in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. Seven ♀ PTs from Rio Curusamba in MNHN. This is a common (the commonest?) ♀ form of *H. gnidus curusamba*, assuming the necessity of that name.

subaurantiaca Le Moul, 1940: 109 (as ♀ f. of *H. cupido belemensis*). Location of HT ♀ from Belém, Pará, Brasil, ex Le Moul collection, is not known. One ♀ PT from Belem and two ♀ PTs from "Pará" in MNHN. Assuming that *belemensis* is a valid subspecies of *H. cupido*, this taxon was correctly placed by Le Moul.

subaurantiaca Le Moul, 1940: 121 (as ♀ f. of *H. horrackae*). HT ♀ and two ♀ PTs in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming their status as type specimens. This is a ♀ form of Amazonian *H. cupido* (*gradiva*?). The name is preoccupied by *H. cupido belemensis* f. ind. "subaurantiaca" Le Moul (1940: 109), but no replacement name is here proposed because of the in-

frasubspecific natures of both names.

subcoria Le Moul, 1940: 125 (as ♂ f. of *H. a. agardi*). The location of the unique HT ♂ from Óbidos, Pará, Brasil, is unknown. Perhaps it is referable to *H. cupido lindeni* or *H. c. coria*, should retention of either name be desired.

subcupido Le Moul, 1940: 113 (as ♂ f. of *H. b. bergeri*). HT ♂ and the single ♂ PT in AME, bearing labels stating locality as Uypiranga, Amazonas, Brasil, and confirming their status as type specimens. This is a ♂ form of Amazonian *H. cupido (gradiva?)*.

subburnea Le Moul, 1940: 120 (as ♂ f. of *H. horrackae*). Unique HT ♂ in AME, bearing labels stating locality as São Paulo de Olivença, Amazonas, Brasil, and confirming its status as the HT. This is a form of Amazonian *H. cupido (gradiva?)*.

suberotica Le Moul, 1940: 125 (as ♂ f. of *H. a. agardi*). HT ♂ and 13 ♂ PTs in AME, bearing labels stating type locality as Óbidos, Pará, Brasil, and confirming their status as type specimens. Six ♂ PTs from Óbidos and one ♂ PT from Rio Branco, near Óbidos, Brasil, in MNHN. This is a ♂ form of *H. cupido coria* or *H. c. lindeni*, should either name be deemed worthy of retention.

sublatmicus Le Moul, 1940: 136; figs. 63-64 (as f. of *H. e. endymion*). HT ♂, AT ♀ and two ♀ PTs in AME, bearing labels stating locality as Bas (or Moyen) Maroni, Guyane Française, and confirming their status as type specimens. Three ♀ PTs from Bas Maroni in MNHN. This is a slight form of *H. s. selenae*.

sublegouaisi Le Moul, 1940: 128 (as ♀ f. of *H. agardi tapajoz*). HT ♀ in AME, bearing labels stating locality as Itaituba, Rio Tapajóz, Pará, Brasil, and confirming its status as the HT. One ♀ PT from Aveiro, Rio Tapajóz, Pará, Brasil, in MNHN. This is a lower Amazonian *H. cupido (coria? lindeni?)* form.

submarginata Le Moul, 1940: 112 (as ♂ f. of *H. b. bergeri*). HT ♂ and four ♂ PTs in AME, bearing labels stating locality as Uypiranga, Amazonas, Brasil, and confirming their status as type specimens. This is a ♂ form of Amazonian *H. cupido (gradiva?)*.

subornata Le Moul, 1940: 113 (as ♀ f. of *H. b. bergeri*). Unique HT ♀ in AME, bearing labels stating locality as Uypiranga, Amazonas, Brasil, and confirming its status as the HT. This is an uncommon ♀ form of Amazonian *H. cupido (gradiva?)*.

subproxima Le Moul, 1940: 114 (as ♂ f. of *H. bergeri lehairei*). HT ♂ and two ♂ PTs (an "AT" mentioned in the original description!) in AME, bearing labels stating locality as Teffe, Rio Solimões, Amazonas, Brasil, and confirming their status as type specimens. The impossibility of having both a HT and an AT of a sexual form suggests that Le Moul meant to specify the "AT" as a PT: it does not explain why there are two, rather than one, PTs in AME. Presumably this is a ♂ form of Amazonian *H. cupido (gradiva?)*.

subunca Le Moul, 1940: 100 (as ♂ f. of *H. c. cupido*). HT ♂ and one ♂ PT in AME, bearing labels stating locality as Bas Maroni, Guyane Française, and confirming their status as type specimens. Six ♂ PTs from Mana River, Guyane Française, in AME. The whereabouts of PT(s) from Langatabiki, Guyane Française, not known. Le Moul correctly assigned this as a ♂ form of *H. c. cupido*.

sulphurea Le Moul, 1939: 87 (as ♀ f. of *H. interrupta manicorensis*). HT ♀ and one ♀ PT in AME, bearing labels stating locality as Manicoré, Rio Madeira, Amazonas, Brasil, and confirming their status as type specimens. This name refers to Amazonian *H. gnidus (manicorensis?)*.

†sulphurea Le Moul, 1940: 109 (as ♂ f. of *H. cupido belemensis*). Unique HT ♂ in MNHN, bearing labels stating locality as Prata, Pará, Brasil, and confirming its status as the HT. It is a form of *H. cupido (belemensis?)*. The name is preoccupied by *H. interrupta manicorensis* f. ind. "sulphurea" Le Moul (1939: 87), but a new name is not proposed because of the infrasubspecific nature of both names.

sylvia Le Moul, 1940: 127 (as ♀ f. of *H. agardi legayi*). HT ♀ and one ♀ PT in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. Probably this is a ♀ form of *H. cupido coria* or *H. c. lindeni*, should either of those names be worthy of retention.

tapajonus Le Moul, 1939: 83; fig. 4 (as subspecies of *H. acis*). HT ♂ and AT ♀ in AME, bearing labels stating locality as Itaituba, Rio Tapajóz, Pará, Brasil, and confir-

ming their status as type specimens. One ♂ and one ♀ PTs from Itaituba in MNHN. The whereabouts of the PTs mentioned in the original description from Urucurituba and Barriera, Rio Tapajóz, Pará, Brasil, not known. This is an available, but probably unnecessary, subspecific name for lower Amazonian *H. gnidus*.

tapajoz Le Moul, 1940: 128 (as subspecies of *H. a. agardi*). HT ♂ and AT ♀ in AME, bearing labels stating locality as Itaituba, Rio Tapajóz, Pará, Brasil, and confirming their status as type specimens. One ♂ PT from Aveiro, Rio Tapajóz, Pará, Brasil, in MNHN. The whereabouts of other PTs in Le Moul's collection from Itaituba, Aveiro and Barrancas, Rio Tapajóz, Pará, Brasil, not known. This name is available, but perhaps unnecessary, for the population of *H. cupido* from along the Rio Tapajóz.

teffeensis Le Moul, 1939: 92 (as subspecies of *H. poleti*). HT ♂ and AT ♀ in AME, bearing labels stating locality as Teffe, Rio Solimões, Amazonas, Brasil, and confirming their status as type specimens. The PTs mentioned in the original description have not been found. This name is available (but probably unnecessary) for Amazonian *H. gnidus*.

telamon Le Moul, 1940: 125 (as ♀ f. or *H. a. agardi*). Location of type series not known: described from Óbidos, Pará, Brasil. Probably this is a ♀ form of *H. cupido* (*lindeni*? *coria*?).

theseus Le Moul, 1940: 130 (as ♂ f. of *H. lindeni*). HT ♂ and two ♂ PTs in AME, bearing labels stating locality as Santarém, Pará, Brasil, and confirming their status as type specimens. Four ♂ PTs from Taperinha, Pará, Brasil, and one ♂ PT from (doubtful) "Espírito Santo", Brasil, in MNHN. This is a ♂ form of *H. cupido lindeni*, if that name is applicable.

transita Le Moul, 1940: 109; fig. 36 (as ♂ f. of *H. cupido belemensis*). Location of HT ♂ from Belém, Pará, Brasil, not known. One ♂ PT from Prata, Pará, Brasil, and one ♂ PT from "Pará" in MNHN. Presumably this is a ♂ form of lower Amazonian *H. cupido* (*belemensis*?).

trinitensis Le Moul, 1940: 106-108; figs. 32-33 (as subspecies of *H. cupido*). HT ♂, AT ♀, nine ♂ and 11 ♀ PTs in AME, bearing labels stating locality as Port of Spain, Trinidad, and confirming their status as type specimens. One ♂ and one ♀ PTs from Port of Spain in MNHN. This name is a pure objective synonym of *H. cupido trinitatis* Seitz (Le Moul considered that the description of *trinitatis* referred to an aberration).

ulysses Le Moul, 1940: 130; fig. 53 (as ♂ f. of *H. lindeni*). HT ♂ and one ♂ PT in AME, bearing labels stating locality as Santarém, Pará, Brasil, and confirming their status as type specimens. Two ♂ PTs from Santarém and one ♂ PT from Taperinha, Pará, Brasil, in MNHN. This is a minor ♂ form of *H. cupido lindeni*, if that name is needed.

umbriensis Le Moul, 1940: 133 (as ♀ f. of *H. lecerfi columbiana*). Unique HT ♀ in MNHN, bearing labels stating locality as Umbria, Colombia (0° 54' N.; 76° 10' W, 350 m.), and confirming its status as the HT. This is a ♀ form of the Rio Putumayo population of *H. cupido* (*gradiva*?).

unca Le Moul, 1940: 100; fig. 27 (as ♂ f. of *H. c. cupido*). HT ♂ in AME, bearing labels stating locality as Bas Maroni, Guyane Française, and confirming its status as the HT. The whereabouts of the ♂ PTs from Bas Maroni and Langatabiki, Guyane Française, mentioned in the original description and from Le Moul's collection, not known. This is a minor form of *H. c. cupido*.

venezuelensis Le Moul, 1940: 104-105 (as subspecies of *H. cupido*). HT ♂, AT ♀, two ♂ and six ♀ PTs in AME, bearing labels stating locality as Barrancas, Orinoco River, Venezuela, and confirming their status as type specimens. There is a series of PTs, presumably from near Caracas, Venezuela, in MNHN. The whereabouts of PTs cited in the original description from Le Moul's collection from Tucupita and Rio Aguiro, Delta Amacuro, both in Venezuela, not known. This is a synonym of *H. cupido tersa*, which itself may be a synonym of *H. c. cupido*.

vesta Le Moul, 1940: 127 (as ♀ f. of *H. agardi legayi*). HT ♀ and six ♀ PTs in AME, bearing labels stating locality as Rio Curusamba, Pará, Brasil, and confirming their status as type specimens. This is a ♀ form of *H. cupido lindeni* or *H. c. coria*, assuming the validity of either name.

wardi Le Moul't, 1939: 89; fig. 17 (as species of *Helicopis*). Unique HT ♂ in MNHN, without data, but labelled as to its status as the HT. This name is available, but probably unnecessary for a population of *H. gnidus*.

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