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SUMMARY

This catalogue includes all names of taxa incorporated in the family Pipunculidae (Diptera) occurring worldwide. For all taxa, the following data are given: author, year of publication, and reference to original description. For (sub)specific taxa this is followed by: original generic combination, type locality, type depository, and distribution. Additional remarks are given when necessary.

Key words: Pipunculidae, Diptera, catalogue, distribution, taxonomy

SAMENVATTING

Deze catalogus bevat alle namen van taxa in de familie Pipunculidae (Diptera). Voor alle taxa worden de volgende gegevens verstrekt: auteur, jaar van publicatie en referentie naar de originele beschrijving. Voor namen van soorten en ondersoorten wordt dit verder aangevuld met originele generische combinatie, type-localiteit, type depositarium en verspreiding. Bijkomende opmerkingen zijn gegeven indien nodig.

Trefwoorden: Pipunculidae, Diptera, catalogus, verspreiding, taxonomie

RÉSUMÉ

Ce catalogue comprend tous les noms des taxa formant la famille des Pipunculidae (diptères). Pour tous les taxa, les données suivantes sont reprises: auteur, année de publication et référence de la description originale. Pour les noms (sous)-spécifiques, les informations suivantes sont données: la combinaison générique originale, la localité type, le lieu de dépôt des types et la distribution. Des remarques supplémentaires sont données si nécessaire.

Mots clés: Pipunculidae, diptères, catalogue, distribution, taxonomie

INTRODUCTION

Taxonomic position and classification

Pipunculidae or big-headed flies, are rather small, darkish flies (2-9 mm) closely related to the hoverflies (Syrphidae). Together they are grouped in the Syrphidea or Syrphoidea as a subordinate group of the Aschiza or Atriata (Griffiths, 1972). They can be differentiated from the Syrphidae by the large compound eyes occupying most of the (sub)hemispherical head and by the wing venation (no vena spuria, cell R5 open, Fig. 1). A more elaborate discussion on the taxonomic position of the group is given in Rafael & De Meyer (1992).

The family itself is divided into three subfamilies: Chalarinae, Nephrocerinae and Pipunculinae, the latter being divided into five tribes. The following classification is used in this catalogue (as proposed by Rafael & De Meyer, 1992):

Family Pipunculidae

Subfamily Chalarinae

Chalarus

Jassidophaga

Verrallia

Subfamily Nephrocerinae

Nephrocerus

Protonephrocerus

Subfamily Pipunculinae

Pipunculini

Parapipunculus

Pipunculus

Cephalopsini

Cephalosphaera

Cephalops

Microcephalopsini

Collinias

Microcephalops

Eudorylini

Allomethus

Amazunculus

Basileunculus

Claraeola

Congomyia

Elmohardyia

Eudorylas

Metadorylas

Moriparia

Tomosvaryellini

Dorylomorpha

Tomosvaryella

genus incertae sedis

Claraeosphaera

unplaced Pipunculidae

Adult morphology

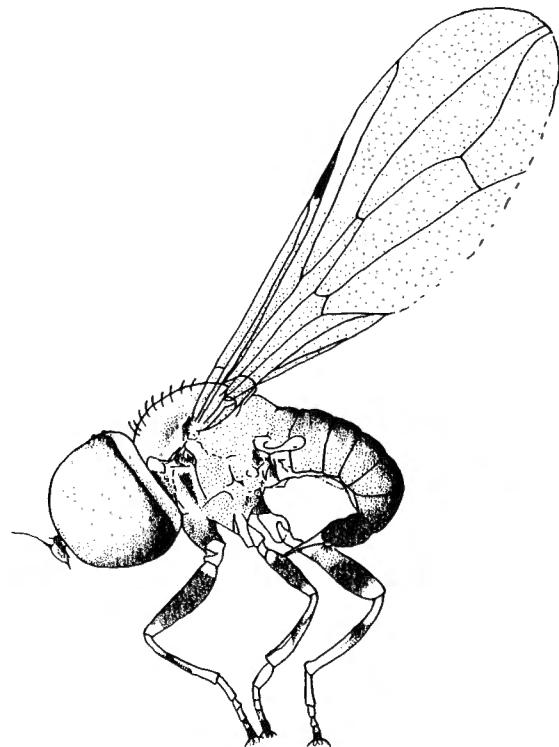
Head. Subhemispherical with narrow occiput (in Chalarinae) to hemispherical with broadened occiput (in Pipunculinae). Eyes of male usually touching on frons except for Chalarinae, and some Tomosvaryellini. Most females have the front ommatidia enlarged (except in *Nephrocerus*). The third antennal segment is usually larger than the two preceding segments (not distinctly so in Microcephalopsini) and obtuse to filiform in shape.

Thorax. Darkish ground colour, usually brownish or greyish dusted although sometimes devoid of any dusting and with shining or metallic appearance. Covered with dense pile (in Chalarinae) or with short inconspicuous pile, either scattered on mesonotum (Pipunculini) or along dorsocentral lines (other Pipunculinae). Propleural fan absent or present.

Legs usually simple. Femora with or without ventral spines. Hind tibia sometimes with (sub)erected medial spines anteriorly. Claws and pulvilli moderately large, especially in females.

Wings usually hyaline, pterostigma partly or fully coloured or hyaline. Venation usually as in Fig. 1. Sometimes most of medial veins and crossvein dm-cu lacking (in *Chalarus*) or M₂ present as a short appendix (in several genera).

Abdomen usually cylindrical in shape, sometimes more roundish. Coloration and dusting similar to thorax, sometimes with yellow-rufous markings. In general without conspicuous pilosity (except in Chalarinae and a few isolated species). Lateral fan on tergum 1 usually present. Male postabdomen with terga 6 and 7 usually partly or completely reduced except in Chalarinae where they are still present as distinct segments. Transformation series in the shape of the male postabdomen and genitalia are discussed in detail in Rafael & De Meyer (1992). Female postabdomen has a piercing organ (ovipositor) for depositing eggs in hosts.



Life history

Pipunculidae are endoparasites of Auchenorrhyncha (Homoptera) during their larval stage. Hosts are mainly found among Delphacidae, Cicadellidae and Cercopidae. For most species the host is unknown. The family may play an important role as biocontrol agents of agricultural homopteran pests. Research in this respect has mainly been done on parasites of homopterans found in rice paddies. Females actively seek homopteran nymphs. When found, they grasp the nymph with their legs and insert an egg in the abdomen by piercing the intersegmental membrane with their piercer. The larva develops within the host, feeding on body tissues and when mature leaves the body cavity in order to pupate in the soil. Adult pipunculids share with Syrphidae the capability of hovering motionless among vegetation, but are less conspicuous because they are not flower visitors. They seem to feed on honeydew, and usually move among the vegetation. Sometimes they are found in more open places, especially during mating. In temperate regions phenological and rearing data indicate that full development takes about 10 weeks.

EXPLANATORY INFORMATION ON THE CATALOGUE TEXT

Taxonomic and nomenclatural information

Scope: This catalogue includes all names that apply to taxa included in the family Pipunculidae (Diptera), occurring worldwide. All names published before January 1st 1996, and of whom the author was aware, are included.

Arrangement of taxa: For the suprageneric order, Rafael & De Meyer (1992) is followed (cfr. supra). Names of valid genera and subgenera are listed alphabetically within each higher category. Valid species are listed alphabetically within genera or subgenera, and valid infraspecific taxa are listed alphabetically within species. The only exception is the subgenus *Semicephalops* where separate subgroups are recognized, based on an analysis by De Meyer (1994). In this case, species are listed alphabetically within these subgroups.

Synonyms and replacement names are listed chronologically. Synonyms are followed by the reference to the author who established the synonymy. Only the most common variant spellings and misidentifications are taken up in the list.

Unplaceable taxa are listed at the end of the most appropriate taxon (e.g. subgenerically unplaced species at the end of the genus possessing subgenera, etc...). Nomina dubia are also listed at the end of the taxon where they probably belong to.

Taxonomic references: for each name the original reference is given. The following information is included: the name, the original combination with genus-group name (irrespective of the fact whether this is different or not from the present combination), the author(s), date of publication and page on which the name is printed.

For genus-group names, this is followed by information on the type species. For valid species-group names, this is followed by the type locality, type depository, and geographical distribution (see further).

Abbreviations: The following abbreviations were used in the taxonomic part of the catalogue:

Art. = Article

gen. = genus

ICZN = International Commission on Zoological Nomenclature

n.n. = new name

Preocc. = Preoccupied

s. str. = sensu stricto

sp. = species

ssp. = subspecies

subg.= subgenus

syn. = synonym

var. = variety

Depository information

The depository for the holotype, lectotype or syntypes is given for each (sub)species and synonym (preceded by 'T.d.'). In case the type was deposited in a particular depository but is now lost or destroyed, this is mentioned as such. If the whereabouts of the type(s) is unknown, this is indicated by the word "unknown".

For syntypes, the number of them is listed if the information is available. In case the syntypes are divided over different depositories, all are listed with the number of types in each depository. If a

lectotype or neotype is designated, this is mentioned after the depository acronym with reference of the designation.

The following depository acronyms are used:

- AMNH: American Museum of Natural History, New York, USA.
- AMS: Australian Museum, Sydney, Australia.
- ANSP: Academy of Natural Sciences, Philadelphia, USA.
- BAU: Beijing Agricultural University, Beijing, People's Republic China.
- BMAG: Birmingham Museums and Art Gallery, Birmingham, U.K..
- BPBM: Bernice P. Bishop Museum, Honolulu, Hawaii.
- CAS: California Academy of Sciences, San Francisco, USA.
- CMC: Canterbury Musuem, Christchurch, New Zealand.
- CNC: Canadian National Collections, Ottawa, Canada.
- CTC: Private collection M. Carles-Tolrá, Barcelona, Spain.
- DSIR: Department of Scientific and Industrial Research, Auckland, New Zealand.
- DUNH: Private collection K. von der Dunk, Hemhofen, Germany.
- FAOU: Faculty of Agriculture, Okayama University, Japan.
- FMC: Field Museum of Natural History, Chicago, USA.
- HUS: Hokkaido University Sapporo, Japan.
- INPA: Instituto Nacional de Pesquisas da Amazônia, Manaus, Brazil.
- IPE: Institut für Pflanzenschutzforschung, Eberswalde-Finow, Germany (formerly DEI).
- IZML: Instituto de Zoología Miguel Lillo, Tucumán, Argentina.
- KBIN: Koninklijk Belgisch Instituut voor Natuurwetenschappen, Brussel, Belgium.
- KMMA: Koninklijk Museum voor Midden Afrika, Tervuren, Belgium.
- KSC: Kansas State College, Kansas, USA.
- KUF: Kyushu University, Fukuoka, Japan.
- LEP: Private Collection, Luis E. Pena G., Santiago, Chile.
- MCSN: Museo Civico di Storia Naturale, Milano, Italy.
- MCZ: Museum of Comparative Zoology, Cambridge, USA (incl. Boston Society of Natural History).
- MHNG: Musées d'Histoire Naturelle et de Géologie, Lille, France.
- MMB: Moravian Museum Brno, Czech Republic.
- MNHN: Muséum National d'Histoire Naturelle, Paris, France.
- MNHU: Museum für Naturkunde der Humboldt-Universität zu Berlin, Germany.
- MNRJ: Museo Nacional do Rio de Janeiro, Brazil (incl. Instituto Oswaldo Cruz).
- MSC: Michigan State College, USA.
- MU: Meijo University, Japan.
- MZSP: Museo Zoologica Sao Paulo, Brazil (incl. John Lane Coll.).
- NHM: Natural History Museum, London, U.K. (formerly BMNH).
- NMB: Naturhistorisches Museum Basel, Switzerland.
- NMID: Natural Museum, Dublin, Ireland.
- NMP: Natal Museum Pietermaritzburg, South Africa.
- NMSA: Naturhistorisches Museum Stift Admont, Austria.
- NMW: Naturhistorisches Museum Wien, Austria.
- NPC: National Pusa Collection, New Dehli, India.
- NRS: Naturhistoriska Riksmuseet Stockholm, Sweden.
- PPRI: Plant Protection Research Institute, Pretoria, South Africa.
- SEM: Snow Entomological Museum, University of Kansas, USA.
- SNMB: Slovak National Museum, Bratislava, Slovakia.
- SMNS: Staatliches Museum für Naturkunde im Stuttgart, Germany.
- SSIS: Shanghai Science Institute, Shanghai, People's Republic China.
- TARI: Taiwan Agricultural Research Institute, Taiwan.
- TAU: Tel Aviv University, Tel Aviv, Israel.
- TMB: Természettudományi Muzeum, Budapest, Hungary.
- UFDP: Universidade Federal do Parana, Curitiba, Brazil.

- UHM: University of Hawaii at Manoa, Hawaii.
- UMO: University Museum Oxford, U.K..
- USAC: Utah State Agricultural College, Utah, USA.
- USNM: United States National Museum, Washington D.C., USA.
- ZBIT: Zoologija ja Botaanika Instituut, Tartu, Estonia.
- ZISP: Zoological Institute, Academy of Sciences, St Petersburg, Russia.
- ZMA: Zoological Museum Amsterdam, the Netherlands.
- ZMH: Zoological Museum Helsinki, Finland.
- ZMK: Zoological Museum Kobenhavn, Denmark.
- ZML: Zoological Museum Lund, Sweden.
- ZMM: Zoological Museum Moscou, Russia.
- ZSI: Zoological Survey of India, Calcutta, India.
- ZSM: Zoologische Staatssammlung München, Germany.

Depository information was checked as far as possible, either through contacting the curators in charge or through personal visits to the collections involved. In addition, information was taken over from specific revisions of certain groups. This was the case for:

- The genera *Cephalops* and *Cephalosphaera*, revised by the author.
- The genus *Dorylomorpha*, revised by Albrecht (1990).
- The genus *Chalarus*, revised by Jervis (1992).
- The genera *Basileunculus*, *Amazunculus*, *Elmohardyia*, and *Metadorylas* by different revisions of Rafael.
- Collin's and Verrall's types annotated by Pont (1995).
- Zetterstedt's and Fallén's types annotated by Collin (1956).
- Japanese Pipunculidae by Morakote *et al.*, 1990.

Nevertheless, not all depositories could be verified. The following cases need special notice:

Becker's types: Part of Becker's types are deposited in MNHU. Becker also saw material from other collections and sometimes retained specimens from these collections or sent some or all of the specimens back. If description of a new species was based on a series of specimens, no holotype was designated. Some of the specimens in Becker's collection were labelled as 'type' by Enderlein but often without valid reason (Schumann, letter of 25.III.1988.). This is for example the case in *Cephalops signatus* (see De Meyer, 1989a). Apparently, Enderlein also never published these designations. A definite conclusion regarding Becker's types (number of syntypes, proper lectotype designation, types deposited in MNHU or elsewhere) could only be partially obtained during a visit to Dr Kuznetzov (St. Petersburg) in August 1995 who has most of Becker's types from MNHU on loan. In addition information was obtained from other specialists who saw type material recently. It is however felt that type material from Becker's types need a thorough revision like recently happened by Pont (1995) for Collin's and Verrall's types.

TMB collection: The TMB collection contains (or contained) an extensive amount of Pipunculidae material. This mainly because the collection was studied by Kertész and Aczél, who both described several new pipunculid species. Unfortunately large part of the collection was destroyed. This because Aczél left Budapest hurriedly after the Second World War without returning material to the collection (Aczél himself was working at the Plant Protection Institute where the remains of the material were found in the sixties, Papp, letter of 15.III.1988). In addition a large part of the Diptera collection in the TMB collection was destroyed by fire during the 1956 uprising. It is not clear for which species there is still type material present in the collection. There is only reliable information for some species for which recent revisions have been undertaken (like *Dorylomorpha* spp. by Albrecht, 1990).

Geographical information

Type locality: The type locality ('T.l.' in the catalogue text) is given as complete as possible, based on information from the original labels and/or additional information from later publications or geographical references (atlases, gazeteers). The sequence is in increasing detail (e.g. country, district, town, sub locality) depending on the information. In case the type locality as given in the original publication cannot be located exactly, the original citation is given and placed in quotes. In case, additional information is available regarding the original citation, this is given after the quote and with mention of the source. In case the type locality was not given in the original description or in any other part of the original work, the term "not given" or "exact locality not given" is used with additional remarks if necessary, e.g.:

flavicornis Zetterstedt, 1844

Nephrocerus flavicornis Zetterstedt, 1844: 949. - Sweden "Svecia meridionali" & "Röstanga Scaniae".

varipes Meigen, 1824

Pipunculus varipes Meigen, 1824: 21. - Exact locality not given [? Germany, Stolberg according to Tanasijtshuk, 1988]

Pipunculus monticola Schummel, 1837: 86. - Poland "Wölfelsgrunde der Grafschaft Glatz" [=nr Klodzko, according to Tanasijtshuk, 1988]

In case more than one type locality is listed and no lectotype is designated, all localities are listed with each locality connected by an ampersand. When a lectotype is designated, only the type locality of the lectotype is mentioned. When a neotype is designated and the locality is different from the original type locality, both are given with proper annotation.

Distribution: The geographical distribution is broken down, according to the zoogeographical regions. In this respect, the demarcations used in previous catalogues for Diptera are followed. Countries are abbreviated only for the Palaearctic region. The following abbreviations are used (mainly in accordance with the Palaearctic catalogue, Soos & Papp, 1988, and with additions for the recently recognized independent states of the former USSR):

A	Austria	L	Luxembourg
AL	Albania	LAT	Latvia
ARM	Armenia	LIT	Lithuania
AZE	Azerbaijan	MAC	Macedonia
B	Belgium	MO	Mongolia
BG	Bulgaria	MOL	Moldavia
BYE	Beylorussia	N	Norway
CH	Switzerland	NK	North Korea
CR	Croatia	NL	The Netherlands
CZ	Czech Republic	P	Portugal
CY	Cyprus	PL	Poland
D	Germany	PRC	People's Republic of China
DK	Denmark	R	Rumania
E	Spain	RUS	Russia
EST	Estonia	S	Sweden
F	France	SF	Finland
GB	Great Britain	SK	South Korea
GEO	Georgia	SLK	Slovakia
GR	Greece	SLV	Slovenia
H	Hungary	TAJ	Tajikistan
I	Italy	TR	Turkey
IRE	Ireland	TUR	Turkmenistan
KAZ	Kazakhstan	UKR	Ukraine
KIR	Kirghizstan	UZB	Uzbekistan
		YU	Yugoslavia

The former countries Yugoslavia and Czechoslovakia have recently been split up in different countries. We have tried to assign particular distribution records to any of the particular countries. However, this was not always possible since a number of the literature references merely mention the country without specifying the exact locality. The republics of the former U.S.S.R. which are now considered as separate countries are treated as such in this catalogue. For simplicity, the People's Republic of China is placed in the Palaearctic region except for Hainan Island records which are included under Oriental region.

For the Nearctic region, the states of Canada and U.S.A. are mentioned separately in abbreviated form as follows (excl Hawaii).

For USA:

AK	Alaska	MT	Montana
AL	Alabama	NC	North Carolina
AR	Arkansas	ND	North Dakota
AZ	Arizona	NE	Nebraska
CA	California	NH	New Hampshire
CO	Colorado	NJ	New Jersey
CT	Connecticut	NM	New Mexico
DC	Washington District of Columbia	NV	Nevada
DE	Delaware	NY	New York
FL	Florida	OH	Ohio
GA	Georgia	OK	Oklahoma
IA	Iowa	OR	Oregon
ID	Idaho	PA	Pennsylvania
IL	Illinois	RI	Rhode Island
IN	Indiana	SC	South Carolina
KS	Kansas	SD	South Dakota
KY	Kentucky	TN	Tennessee
LA	Louisiana	TX	Texas
MA	Massachusetts	UT	Utah
MD	Maryland	VA	Virginia
ME	Maine	VT	Vermont
MI	Michigan	WA	Washington
MN	Minnesota	WI	Wisconsin
MO	Missouri	WV	West Virginia
MS	Mississippi	WY	Wyoming

For Canada:

AL	Alberta	NT	Northwest Territories
BC	British Columbia	ON	Ontario
MA	Manitoba	QU	Quebec
NB	New Brunswick	SA	Saskatchewan
NS	Nova Scotia	YT	Yukon Territory

Other abbreviations used in the the geographical treatment of the catalogue are as follows:

C	= central	N	= North, northern
Co.	= County	nr	= near
Distr.	= district	Pref.	= Prefecture
E	= East, eastern	Prov.	= Province
env.	= environs	r.	= river
I	= Island	Reg.	= Region
Is	= Islands	Rep.	= Republic
km	= kilometres	S	= South, southern
mi	= miles	Terr.	= Territory
Mt	= Mountain	W	= West, western
Mts	= Mountains		

ACKNOWLEDGEMENTS

Compiling a catalogue of this nature is not the work of a single person. Obtaining obscure articles, checking type depositories, finding the whereabouts of the older type material and their status, etc... can only be done through the kind help of various colleagues throughout the world.

I would therefore like to thank the following colleagues and curators who provided essential information, gave corrections and/or were very helpful during my visits to their institution: A. Albrecht (ZMH), P. Arnaud Jr. (CAS), D. Azuma (ANSP), R. Brooks, G. Byers and I. Yarom (SEM), B. Brugge and P. Oosterbroek (ZMA), B. Cooper (CNC), S. Cover and P. Perkins (MCZ), R. Danielsson (ZML), E. De Coninck (KMMA), A. Dely-Draskovits (TMB), K. Duxbury (NMP), N. Evenhuis (BPBM), P. Grootaert (KBIN), M. Kozánek (SMNB), E. Krasser (NMSA), S. Kuznetzov and N. Kuznetzova (ZISP), C. Leonardi (MCSN), L. Lyneborg (ZMK), G. McGavin (UMO), L. Matile (MNHN), P. Persson and B. Viklund (NRS), J. Rafael (INPA), H. Schumann (MNHU), J. Skevington (Guelph, Canada), J. Stark (AMNH), H. Tschorsnig (SMNS), N. Wyatt (NHM) and J. Ziegler (IPE).

Special thanks to Adrian Pont who was extremely helpful in resolving the type depository problems of Collin's, Verrall's and Kowarz' types and who made his remarks on these types available to me before publication of his book. Without his help several of the problems with regard to these collections would be unresolved. Sergei Kuznetzov and Natalia Kuznetzova assisted me in many ways during my visit to the collections in St. Petersburg, also with regard to Becker's types. Also many thanks to K. Yano who was so kind to trace some of the obscurer articles for me. A fair number of pipunculids were hereby 'rediscovered'. To Patrick Grootaert and Pierre De Greve (KBIN): thanks to their assistance most of the original descriptions could be traced in the extensive library of the KBIN. Also very helpful were the MCZ and Houghton libraries in Cambridge, Massachusetts and the UMO library in Oxford. The willingness of their librarians to assist me during my short visits or through the repeated requests via mail, is much appreciated.

Also many thanks to several friends and colleagues who have supported this work and assisted in many ways, especially M. Ackland (Oxon, U.K.), L. De Bruyn (Antwerp, Belgium), and E. Vanden Berghe (Mombasa, Kenya).

A catalogue of this kind is only a snapshot of a continuing process: new species are described and others put in synonymy, new faunal records are published, etc... Therefore, any additional information (overlooked by myself or newly published) is very welcome. It is my intention to bring out biannual updates of this catalogue.

This work was partly financed through several grants obtained over the last years from the FKFO, NFWO, SWOA (all Brussels, Belgium), the Ernst Mayr Grant (Cambridge, USA), and the Uyttenboogaart-Eliasen stichting (Amsterdam, The Netherlands).

Finally, next to the technical backup, assistance on the 'home front' is sometimes even more needed. I am very grateful to my wife Hilde, for her interest in my work and her tolerance during compilation of this catalogue.

Nairobi, August 1996

CATALOGUE TEXT

Family PIPUNCULIDAE

Subfamily CHALARINAE

Chalarus Walker, 1834

Chalarus Walker, 1834: 269. Type species: *Cephalops spurius* Fallén, 1816, by subsequent designation (Westwood, 1840: 135).

= *Atelenevra* Macquart, 1834: 356. Type species: *Pipunculus holosericeus* Meigen, 1824, by monotypy.

= *Ateleneura*, variant spelling.

absonus Rafael, 1990

Chalarus absonus Rafael, 1990a: 47. - T.l.: Brazil, Paraná. - T.d.: UFDP.

DISTRIBUTION. Neotropical: Brazil.

amazonensis Rafael, 1988

Chalarus amazonensis Rafael, 1988b: 4. - T.l.: Brazil, Amazonas, Manaus, Reserva Ducke. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil, Trinidad.

angustifrons Morakote, 1990

Chalarus angustifrons Morakote in Morakote & Hirashima, 1990b: 168. - T.l.: Japan, Hokkaido, Akan-kohan, Mt O-akan, Kushiro. - T.d.: KUF (Nr 2725).

DISTRIBUTION. Palaearctic: J.

argenteus Coe, 1966

Chalarus argenteus Coe, 1966a: 156. - T.l.: Ireland, Co. Wicklow, Killoughter. - T.d.: NHM.

DISTRIBUTION. Palaearctic: DK, GB, IRE, LAT, RUS.

basalis Loew, 1873

Chalarus basalis Loew, 1873: 215. - T.l.: "Galizien, bei Podegrodzie" [=Ukraine, Ivano-Francovsk Reg., Rogatin Distr., according to Tanasijtshuk, 1988]. - T.d.: MNHU (?Nr 11546).

DISTRIBUTION. Palaearctic: D, GB, LAT, NL, SF, ?RUS, UKR.

brevicaudis Jervis, 1992

Chalarus brevicaudis Jervis, 1992: 313. - T.l.: Great Britain, Wales, S Glamorgan, Tongwynlais, Forest Ganol. - T.d.: NHM.

DISTRIBUTION. Palaearctic: B, CZ, D, E, F, GB, I, NL, S, SF.

chilensis Collin, 1931

Chalarus spurius chilensis Collin, 1931a: 52. - T.l.: Argentina, Rio Negro, Bariloche. - T.d.: NHM.

DISTRIBUTION. Neotropical: Argentina, Brazil.

clarus Jervis, 1992

Chalarus clarus Jervis, 1992: 288. - T.l.: The Netherlands, Noord-Holland, Heiloo. - T.d.: ZMA.

DISTRIBUTION. Palaearctic: GB, GR, NL.

connexus Rafael, 1988

Chalarus connexus Rafael, 1988b: 6. - T.l.: Brazil, Amazonas, Manaus, Reserva Ducke. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil, Trinidad.

decorus Jervis, 1992

Chalarus decorus Jervis, 1992: 318. - T.l.: The Netherlands, Gelderland, Nunspeet. - T.d.: ZMA.

DISTRIBUTION. Palaearctic: B, CH, CZ, D, DK, GB, NL, RUS, S, SF.

delicatus Rafael, 1990

Chalarus delicatus Rafael, 1990a: 49. - T.l.: Brazil, Paraná, Curitiba. - T.d.: UFDP.

DISTRIBUTION. Neotropical: Brazil.

elegantulus Jervis, 1992

Chalarus elegantulus Jervis, 1992: 268. - T.l.: Finland, Varsinais-Suomi, Runksala. - T.d.: ZMH.

DISTRIBUTION. Palaearctic: GB, SF.

exiguus (Haliday, 1833)

Pipunculus exiguus Haliday, 1833: 162. - T.l.: Great Britain, N Ireland, Co. Down, Holywood. - T.d.: NMID.

Chalarus konishii Morakote in Morakote & Hirashima, 1990b: 169. - T.l.: Japan, Hokkaido, Kamikawa, Mt Daisetsu, Sounkyo. T.d.: KUF (Nr 2727). - Syn.: Jervis, 1992: 290.

DISTRIBUTION. Palaearctic: GB, J.

fimbriatus Coe, 1966

Chalarus fimbriatus Coe, 1966a: 153. - T.l.: Great Britain, England, Surrey, Selsdon Wood. - T.d.: NHM.

Chalarus kamijoii Morakote in Morakote & Hirashima, 1990b: 170. - T.l.: Japan, Hokkaido, Sapporo. T.d.: HUS. - Syn.: Jervis, 1992: 269.

DISTRIBUTION. Palaearctic: B, CH, CZ, D, GB, IRE, Israel, (incl. occupied West Bank and Golan Heights) J, LAT, PL, S, SF, SLK.

flosculus Morakote, 1990

Chalarus flosculus Morakote in Morakote & Hirashima, 1990b: 167. - T.l.: Japan, Kyushu, Fukuoka Pref., Mt Hikosan. - T.d.: KUF (Nr 2723).

DISTRIBUTION. Palaearctic: J.

griseus Coe, 1966

Chalarus griseus Coe, 1966a: 154. - T.l.: Great Britain, England, Kent, Sevenoaks. - T.d.: NHM.

DISTRIBUTION. Palaearctic: GB.

gynocephalus Jervis, 1992

Chalarus gynocephalus Jervis, 1992: 274. - T.l.: Great Britain, England, Norfolk, Catfield Great Fen. - T.d.: NHM.

DISTRIBUTION. Palaearctic: CZ, D, DK, GB, SF.

holosericeus (Meigen, 1824)

Pipunculus holosericeus Meigen, 1824: 24. - T.l.: "auch ein einiges mal hier gefangen" [probably Stolberg, Germany according to Tanasijtshuk, 1988]. - T.d.: MNHN (lectotype designated by Jervis, 1992, from Meigen's collection under 1044 nr 1232 40. Most likely this is the specimen from Stolberg. Meigen also mentions a specimen from "Oesterreich" from the von Mühlfeld collection. This specimen was probably destroyed in 1848 in Vienna).

DISTRIBUTION. Palaearctic: ?A, ?D, GB.

indistinctus Jervis, 1992

Chalarus indistinctus Jervis, 1992: 325. - T.l.: Great Britain, Wales, Gwent, Peterstone-Wentlooge. - T.d.: NHM.

DISTRIBUTION. Palaearctic: B, D, F, GB, NL, S, SF.

juliae Jervis, 1992

Chalarus juliae Jervis, 1992: 277. - T.l.: France, Haute-Garonne, Montréjeau. - T.d.: NHM.

DISTRIBUTION. Palaearctic: CH, F, GB, Israel (incl. occupied Golan Heights), S, SF, RUS.

latifrons Hardy, 1943

Chalarus latifrons Hardy, 1943: 33. - T.l.: USA, Arizona, Chiricahua Mts. - T.d.: SEM (Nr 3125).

DISTRIBUTION. Nearctic: Canada (BC); USA (AZ, CA, CO, KS, MA, NM, NV, OH, UT, VA). Palaearctic: B, CZ, D, DK, GB, IRE, ?J, LAT, NL, PL, S, SF, SLK. ?Neotropical: Mexico.

lenkoi Rafael, 1990

Chalarus lenkoi Rafael, 1990a: 50. - T.l.: Brazil, São Paulo, Barueri. - T.d.: MZSP.

DISTRIBUTION. Neotropical: Brazil.

longicaudis Jervis, 1992

Chalarus longicaudis Jervis, 1992: 331. - T.l.: France, Vienne, Vivonne. - T.d.: NHM.

DISTRIBUTION. Palaearctic: B, CH, F, S.

magnalus Morakote, 1990

Chalarus magnalus Morakote in Morakote & Hirashima, 1990b: 167. - T.l.: Japan, Hokkaido, Tokachi, Kamishihoro, Nukabira. - T.d.: KUF (Nr 2724).

DISTRIBUTION. Palaearctic: J.

orientalis Jervis, 1985

Chalarus orientalis Jervis, 1985: 438. - T.l.: Burma, NE Burma, Kambaiti. - T.d.: NHM.

DISTRIBUTION. Oriental: Burma.

parmenteri Coe, 1966

Chalarus parmenteri Coe, 1966a: 157. - T.l.: Great Britain, Scotland, Dunbarton, Bonhill. - T.d.: NHM.

DISTRIBUTION. Palaearctic: CZ, GB, H.

perplexus Jervis, 1992

Chalarus perplexus Jervis, 1992: 305. - T.l.: Italy, Castelnuovo. - T.d.: NHM.

DISTRIBUTION. Palaearctic: B, CH, DK, GB, I, NL, S, SF.

proprius Jervis, 1992

Chalarus proprius Jervis, 1992: 307. - T.l.: The Netherlands, Noord-Holland, Heiloo. - T.d.: ZMA.

DISTRIBUTION. Palaearctic: NL.

pughi Coe, 1966

Chalarus pughi Coe, 1966a: 154. - T.l.: Great Britain, England, Surrey, Selsdon. - T.d.: NHM.

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, ?E, GB, IRE, LAT, S, SF, SLK.

rectifrons Morakote, 1990

Chalarus rectifrons Morakote in Morakote & Hirashima, 1990b: 170. - T.l.: Japan, Hokkaido, Kamikawa, Mt Daisetsu. - T.d.: HUS.

DISTRIBUTION. Palaearctic: J.

spurius (Fallén, 1816)

Cephalops spurius Fallén, 1816: 16. - T.l.: Sweden, Esperød. - T.d.:NRS (lectotype Nr "351 80", designated by Jervis, 1992).

DISTRIBUTION. Palaearctic: B, CH, CZ, D, E, F, GB, IRE, Israel (incl. occupied Golan Heights and West Bank), LAT, NL, S, SF, SLK (?Cosmopolitan, see Jervis, 1992).

trilineatus Jervis, 1985

Chalarus trilineatus Jervis, 1985: 435. - T.l.: Burma, NE Burma, Kambaiti. - T.d.: NHM.

DISTRIBUTION. Oriental: Burma.

triramosus Rafael, 1990

Chalarus triramosus Rafael, 1990a: 50. - T.l.: Brazil, Paraná, Curitiba. - T.d.: UFDP.

DISTRIBUTION. Neotropical: Argentina, Brazil.

unilacertus Morakote, 1990

Chalarus unilacertus Morakote in Morakote & Hirashima, 1990b: 169. - T.l.: Japan, Hokkaido, Kamikawa, Mt Daisetsu, Sounkyo. - T.d.: KUF (Nr 2726).

DISTRIBUTION. Palaearctic: J.

xanthopodus Rafael, 1990

Chalarus xanthopodus Rafael, 1990a: 51. - T.l.: Brazil, Rio de Janeiro, Itatiaia. - T.d.: MZSP.

DISTRIBUTION. Neotropical: Brazil.

zanganus Yang & Xu, 1987

Chalarus zanganus Yang & Xu, 1987: 179. - T.l.: People's Republic of China, Tibet, Bomi Co.. - T.d.: BAU.

DISTRIBUTION. Palaearctic: PRC.

zlobini Kuznetsov, 1990

Chalarus zlobini Kuznetsov, 1990a: 24. - T.l.: Russia, Far E, Kamtchatka, Atlasovo. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

zyginae Jervis, 1992

Chalarus zyginae Jervis, 1992: 309. - T.l.: Italy, Torino. - T.d.: NHM.

DISTRIBUTION. Palaearctic: I.

nomina dubia

obscurus (Zetterstedt, 1838)

Pipunculus obscurus Zetterstedt, 1838: 580. - T.l.: Norway, N Nordland, Bjerkvik. - T.d.: ZML (Nr 2432 lectotype designated by Collin, 1956 from Zetterstedt's collection. Poor condition and unidentifiable to species according to Jervis, 1992).

DISTRIBUTION. Palaearctic: N.

velutinus (Macquart, 1835)

Atelenevra velutina Macquart, 1835: 12. - T.l.: "D'Allemagne". - T.d.: unknown, probably lost (could not be located in MHNG according to Jervis, 1992).

DISTRIBUTION. Palaeartic: D.

Jassidophaga Aczél, 1939

Jassidophaga Aczél, 1939a: 20. Type species: *Pipunculus pilosus* Zetterstedt, 1838, by original designation. Enderlein's earlier proposal (1936: 129) invalid.

abscissa (Thomson, 1869)

Pipunculus abscissus Thomson, 1869: 514 . - T.l.: China. - T.d.: probably NRS.

DISTRIBUTION. Palaearctic: PRC.

argentisegmentata (Brunetti, 1912)

Verrallia argentisegmentata Brunetti, 1912: 494. - T.l.: Burma, Lower Burma, Dawna Hills. - T.d.: ZSI.

DISTRIBUTION. Oriental: Burma.

armata (Thomson, 1869)

Pipunculus armatus Thomson, 1869: 513. - T.l.: China. - T.d.: probably NRS.
DISTRIBUTION. Palaearctic: PRC.

beatrixis (Coe, 1966)

Verrallia beatrixis Coe, 1966a: 159. - T.l.: Great Britain, England, Hereford, Stoke Wood. - T.d.: NHM.
DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, DK, EST, GB, J, LAT, MO, RUS, SLK.

chiensis (Ouchi, 1943)

Verrallia chiensis Ouchi, 1943: 35. - T.l.: South Korea, Mt Chii. - T.d.: unknown (possibly SSIS).
DISTRIBUTION. Palaearctic: SK.

eximia (Kuznetzov, 1992)

Verrallia Jassidophaga eximia Kuznetzov, 1992b: 113. - T.l.: Russia, Far E, Primorskiy Terr., Arsen'ev. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

fasciata (Hardy, 1939)

Verrallia fasciatus Hardy, 1939: 16. - T.l.: USA, Colorado, Durango. - T.d.: SEM (Nr 3217).
DISTRIBUTION. Nearctic: USA (CO, NM).

flavidipes De Meyer & Grootaert, 1992

Jassidophaga flavidipes De Meyer & Grootaert, 1992a: 202. - T.l.: Australia, New South Wales, Mooney Mooney Ck., nr Gosford. - T.d.: AMS.
DISTRIBUTION. Australasian/Oceanian: Australia.

hodosa (Kuznetzov, 1992)

Verrallia Jassidophaga hodosa Kuznetzov, 1992b: 108. - T.l.: Russia, Far E, Primorskiy Terr., Sakhalin I, Terpeniya Cape. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

japonica (Morakote, 1990)

Verrallia japonica Morakote in Morakote & Hirashima, 1990a: 140. - T.l.: Japan, Honshu, Iwate Pref., Mt Hayachine, Kawaranobo. - T.d.: KUF (Nr 2722).

ssp. ***japonica*** s.str.

DISTRIBUTION. Palaearctic: J.

ssp. ***melanosa*** De Meyer & Grootaert, 1992

Jassidophaga japonica melanosa De Meyer & Grootaert, 1992a: 203. - T.l.: Papua New Guinea, NE New Guinea, Morobe Distr., Wau. - T.d.: BPBM (Nr 15168).
DISTRIBUTION. Australasian/Oceanian: Australia, PNG.

kurilensis (Kuznetzov, 1992)

Verrallia Jassidophaga kurilensis Kuznetzov, 1992b: 109. - T.l.: Russia, Far E, Kuril Is, Kunashir I, Tretyakovo. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

makarkini (Kuznetzov, 1992)

Verrallia Jassidophaga makarkini Kuznetzov, 1992b: 109. - T.l.: Russia, Far E, Amur Reg., Khingan Nature Reserve. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

pala (Morakote, 1990)

Verrallia pala Morakote in Morakote & Hirashima, 1990a: 139. - T.l.: Japan, Hokkaido, Ishikari, Sapporo, Hitsujigaoka. - T.d.: KUF (Nr 2721).

Verrallia pseudovillosa Churkin, 1990: 140. - T.l.: Russia, Amur Reg., Okrestnosti. - T.d.: ZMM. - Syn.: Kuznetzov, 1992b: 108.
DISTRIBUTION. Palaearctic: J, RUS.

pilosa (Zetterstedt, 1838)

Pipunculus pilosus Zetterstedt, 1838: 579. - T.l.: Norway, Oppland, Dovre. - T.d.: ZML (Nr 2433, lectotype designated by Collin, 1956).

Pipunculus fasciatus von Roser, 1840: 55. - T.l.: exact locality not given [probably Württemberg according to Tanasijtshuk, 1988]. - T.d.: SMNS. - Syn.: Becker, 1898: 95.

DISTRIBUTION. Palaearctic: A, B, BG, CH, CZ, D, DK, EST, F, GB, H, I, IRE, J, LAT, N, NL, PL, R, RUS, S, SF, SLK, YU. Nearctic: Canada (QU); USA (NJ, MA, ME, NH, VT).

plumbella (Brunetti, 1912)

Verrallia plumbella Brunetti, 1912: 495. - T.l.: India, Darjeeling, Kurseong. - T.d.: ZSI (Nr 1941/H1, in very poor condition according to Kapoor *et al.*, 1987).
DISTRIBUTION. Oriental: Burma, India.

***pollinosa* (Kuznetzov, 1992)**

Verrallia Jassidophaga pollinosa Kuznetzov, 1992b: 111. - T.I.: Russia, Leningrad Prov., Yukki. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

***setosa* (Verrall, 1901)**

Verrallia pilosa var. *setosa* Verrall, 1901: 73. - T.I.: Great Britain, England, Hants, Lyndhurst. - T.d.: NHM (4
syntypes) & UMO (VC-type 36, 1 syntype) (cfr Pont, 1995).
DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, DK, EST, GB, H, IRE, J, LAT, N, NL, RUS, S, SF, SLK.

***speciosa* (Kuznetzov, 1992)**

Verrallia Jassidophaga speciosa Kuznetzov, 1992b: 112. - T.I.: Russia, Far E, Kuril Is, Kunashir I, Golovnina
volcano. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

***sidorenkoi* (Kuznetzov, 1992)**

Verrallia Jassidophaga sidorenkoi Kuznetzov, 1992b: 114. - T.I.: Russia, Far E, Kuril Is, Kunashir I, 6km S
Lagunnoe Lake. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

***triloba* (Yang & Xu, 1989)**

Verrallia Jassidophaga triloba Yang & Xu, 1989: 157. - T.I.: People's Republic of China, Shaanxi. - T.d.: BAU.
DISTRIBUTION. Palaearctic: PRC.

***verrucosa* (Kuznetzov, 1992)**

Verrallia Jassidophaga verrucosa Kuznetzov, 1992b: 112. - T.I.: Russia, Leningrad Prov., Lomonosov Distr.,
Nizhnyaya Bronnaya. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

***villosa* (von Roser, 1840)**

Pipunculus villosus von Roser, 1840: 55. - T.I.: Exact locality not given [probably Württemberg according to
Tanasijtshuk, 1988]. - T.d.: SMNS.
DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, DK, EST, F, GB, H, I, J, LAT, N, NK, NL, PL, R, RUS, S, SF,
SLK.

***Verrallia* Mik, 1899**

= *Prothechus* Rondani, 1856: 139. Type species: *Cephalops aucta* Fallén, 1817, by original designation.
Suppressed by ICBN 1961:230 (opinion 597).

Verrallia Mik, 1899: 137. Type species: *Cephalops aucta* Fallén, 1817, by original designation.

***aucta* (Fallén, 1817)**

Cephalops aucta Fallén, 1817: 61. - T.I.: Sweden, Esperöd. - T.d.: ZML (Nr 2448, 2 syntypes. Collin, 1956:149 &
155, proposed male specimen in Zetterstedt's coll. (nr 157) from type locality as lectotype, but apparently did not
establish it as such).
DISTRIBUTION. Palaearctic: A, B, BG, CH, CZ, D, DK, E, EST, F, GB, H, I, JRE, Israel, KAZ, LAT, LIT, N,
NL, PL, R, RUS, S, SF, SLK.

***csikii* Aczél, 1940**

Verrallia csikii Aczél, 1940: 152 (n.n. for *opus* Williston). - T.I.: USA, Washington. - T.d.: unknown according
to Hardy (12943).
Pipunculus opacus Williston, 1886: 295. [Preocc. Fallén, 1816]
DISTRIBUTION. Nearctic: USA (WA).

***helvetica* Kuznetzov, 1992**

Verrallia helvetica Kuznetzov, 1992b: 106. - T.I.: Switzerlарnd, Graubünd, Laax. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: CH.

***rebunensis* Morakote, 1990**

Verrallia rebunensis Morakote in Morakote & Hirashima, 1990a: 133. - T.I.: Japan, Hokkaido, Rebun. - T.d.: HUS.
DISTRIBUTION. Palaearctic: J, RUS.

***spectabilis* Collin, 1941**

Verrallia spectabilis Collin, 1941: 218. - T.I.: Russia, "Tigrovaja, Sutshan District" [= FE, Maritime Terr., Partizansk
Distr., Tigrovoj according to Pont, 1995]. - T.d.: ZISP (lectotype designated by Kuznetzov, 1992b).
DISTRIBUTION. Palaearctic: RUS.

virginica Banks, 1915

Verrallia virginica Banks, 1915: 169. - T.I.: USA, Virginia, Glencarlyn. - T.d.: MCZ (Nr 13553).
DISTRIBUTION. Nearctic: Canada (AL, ON, QU); USA (SD, MA, ME, MI, VA).

Subfamily NEPHROCERINAE

Nephrocerus Zetterstedt, 1838

Nephrocerus Zetterstedt, 1838: 578. Type species: *Nephrocerus lapponicus* Zetterstedt, 1838, by monotypy.

daeckei Johnson, 1903

Nephrocerus daeckei Johnson, 1903: 107. - T.I.: USA, New York, Long I, Richmond Hill. - T.d.: MCZ (Nr 7677; 1 female syntype, whereabouts of other syntype unknown).
DISTRIBUTION. Nearctic: NY, PA, NH, MD.

fatalis Churkin, 1991

Nephrocerus fatalis Churkin, 1991: 153. - T.I.: Russia, Primorskiy Reg., 40km from Ussuriysk, Kamenushka.- T.d.: ZMM.
DISTRIBUTION. Palaearctic: RUS.

flavicornis Zetterstedt, 1844

Nephrocerus flavicornis Zetterstedt, 1844: 949. - T.I.: Sweden "Svecia meridionali" & "Röstanga Scaniae". - T.d.: ZML (Nr 2435).
DISTRIBUTION. Palaearctic: A, B, CH, D, DK, GB, LAT, NL, PL, S, SF, SLK.

flexus Morakote, 1988

Nephrocerus flexus Morakote, 1988: 84. - T.I.: Japan, Kyushu, Fukuoka Pref., Mt Hikosan. - T.d.: KUF (Nr 2643).
DISTRIBUTION. Palaearctic: J.

grandis Morakote, 1988

Nephrocerus grandis Morakote, 1988: 80. - T.I.: Japan, Kyushu, Oita Pref., Mt Hiji. - T.d.: KUF (Nr 2641).
DISTRIBUTION. Palaearctic: J.

japonicus Morakote, 1988

Nephrocerus japonicus Morakote, 1988: 83. - T.I.: Japan, Honshu, Aichi Pref., Mt Chausu-dake. - T.d.: KUF (2642).
DISTRIBUTION. Palaearctic: J.

lapponicus Zetterstedt, 1838

Nephrocerus lapponicus Zetterstedt, 1838: 578. - T.I.: Sweden, Lapland, Gransele. - T.d.: ZML (Nr 2434, lectotype designated by Grootaert & De Meyer, 1986).
DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, LAT, NL, S, SF.

nevskajae Churkin, 1991

Nephrocerus nevskajae Churkin, 1991: 152. - T.I.: Russia, Amur Reg., Zeya. - T.d.: ZMM.
DISTRIBUTION. Palaearctic: RUS.

paektusanensis Kozánek & Kwon, 1992

Nephrocerus paektusanensis Kozánek & Kwon, 1992: 7. - T.I.: North Korea, Paektu Mts, Sobaeksan. - T.d.: SNMB.
DISTRIBUTION. Palaearctic: NK.

scutellatus (Macquart, 1834)

Pipunculus scutellatus Macquart, 1834: 356. - T.I.: France, "Lestrem" [= near Lille according to Tanasijtshuk, 1988]. - T.d.: MNHN.
DISTRIBUTION. Palaearctic: A, B, CH, CR, D, F, GB, GR, H, I, LAT, N, NL, PL, R, S, ?SF, SLK.

slossonae Johnson, 1915

Nephrocerus slossonae Johnson, 1915: 55. - T.I.: USA, New Hampshire, Bretton Woods. - T.d.: MCZ (Nr 13093).
DISTRIBUTION. Nearctic: NH.

spineus Morakote, 1988

Nephrocerus spineus Morakote, 1988: 85. - T.I.: Japan, Hokkaido, Kushiro, Shibecha. - T.d.: KUF (Nr 2644).
DISTRIBUTION. Palaearctic: J.

zaitzevi Kuznetsov, 1990

Nephrocerus zaitzevi Kuznetsov, 1990a: 25. - T.I.: Azerbaijan, Lenkoran, Talysh, 11 km Lerik Road. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: AZE.

***Protonephrocerus* Collin, 1931**

Protonephrocerus Collin, 1931a: 52. Type species: *Protonephrocerus chiloensis* Collin, 1931a, by original designation.

***chiloensis* Collin, 1931**

Protonephrocerus chiloensis Collin, 1931a: 52. - T.I.: Chile, Chiloe I., Ancud. - T.d.: NHM.
DISTRIBUTION. Neotropical: Chile.

Subfamily PIPUNCULINAE

Tribe PIPUNCULINI

***Parapipunculus* Rafael, 1986**

Parapipunculus Rafael, 1986a: 421. Type species: *Cephalosphaera tibialis* Hardy, 1943, by original designation.

***constrictus* (Banks, 1911)**

Pipunculus constrictus Banks in Cresson, 1911: 306. - T.I.: USA, North Carolina, Black Mt, N Fork Swannanoa. - T.d.: MCZ (Nr 13565).

DISTRIBUTION: Nearctic: Canada (MA, NB, QU) ; USA (AL, FL, KS, MN, NC, NH, NJ, OK, SD, TX).

***elegantulus* (Williston, 1892)**

Pipunculus elegantulus Williston, 1892: 87. - T.I.: Mexico, Guerrero, Chilpancingo. - T.d.: NHM.

DISTRIBUTION. Neotropical: Mexico.

***stricklandi* (Curran, 1927)**

Pipunculus stricklandi Curran, 1927: 291. - T.I.: Canada, Alberta, Waterton. - T.d.: CNC (Nr 2420).

DISTRIBUTION. Nearctic: Canada (AL, BC, SA); USA (CO, MI, NM).

***tibialis* (Hardy, 1943)**

Cephalosphaera tibialis Hardy, 1943: 53. - T.I.: USA, New Mexico, Ruidoso. - T.d.: SEM (Nr 3135).

DISTRIBUTION. Nearctic: USA (CO, NM, NV).

***Pipunculus* Latreille, 1802**

= *Dorilas* Meigen, 1800: 31. Type species: *Pipunculus campestris* Latreille, 1802, by subsequent designation (Coquillett, 1910: 535), suppressed by ICBN 1963: 339 (opinion 678).

Pipunculus Latreille, 1802: 463. Type species: *Pipunculus campestris* Latreille, 1802, by monotypy.

= *Dorylas*, variant spelling.

= *Microcera* Meigen, 1803: 273. Type species: *Pipunculus campestris* Latreille, 1802, by subsequent designation (Coquillett, 1910: 569).

***alpinus* Cresson, 1911**

Pipunculus alpinus Cresson, 1911: 306. - T.I.: USA, Vermont, Mt Equinox. - T.d.: MCZ (Nr 26898).

DISTRIBUTION. Nearctic: Canada (QU); USA (ME, NH, UT, VT).

***amurensis* Kuznetzov, 1991**

Pipunculus amurensis Kuznetzov, 1991a: 2. - T.I.: Russia, Far E, Amur Reg., 40km W Svobodny. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

***amuricus* Kuznetzov, 1991**

Pipunculus amuricus Kuznetzov, 1991a: 8. - T.I.: Russia, Far E, Amur Reg., Klymoutsy, 40 km W Svobodny. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

angus Cresson, 1911

Pipunculus angus Cresson, 1911: 305. - T.l.: USA, New Mexico, Cloudcroft. - T.d.: ANSP (Nr 5033).

DISTRIBUTION. Nearctic: Canada (BC); USA (MA, NJ, NM).

apicarinus Hardy & Knowlton, 1939

Pipunculus femoratus var. *apicarinus* Hardy & Knowlton, 1939b: 114. - T.l.: USA, Utah, Wolf Creek Pass. - T.d.: USNM.

DISTRIBUTION. Nearctic: USA (UT).

avius Morakote, 1990

Pipunculus avius Morakote in Morakote & Hirashima, 1990d: 222. - T.l.: Japan, Hokkaido, Abashiri, Saroma. - T.d.: KUF (Nr 2737).

DISTRIBUTION. Palaearctic: J.

babai Morakote, 1990

Pipunculus babai Morakote in Morakote & Hirashima, 1990d: 223. - T.l.: Japan, Honshu, Niigata Pref., Asahimura, Budo-toge. - T.d.: KUF (Nr 2738).

DISTRIBUTION. Palaearctic: J.

balticus Kuznetzov, 1991

Pipunculus balticus Kuznetzov, 1991a: 12. - T.l.: Russia, St Petersburg, Kamenniy I. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

calceatus von Roser, 1840

Pipunculus calceatus von Roser, 1840: 55. - T.l.: Exact locality not given [Würtemberg according to Tanasijtshuk, 1988]. - T.d.: SMNS.

Pipunculus pulchripes Thomson, 1870: 117. - T.l.: Sweden, Skåne, Bökestad. - T.d.: ZML (Nr 2454, lectotype designated by Collin, 1956 in Roth's collection). - Syn.: Kozánek, 1981: 8.

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, DK, F, LAT, PL, S, SLK.

campestris Latreille, 1802

Pipunculus campestris Latreille, 1802: 463. - T.l.: France, "environs de Paris". - T.d.: unknown, possibly MNHN. ssp. ***campestris*** s.str.

Musca cephalotes Bosc, 1792: 55. - T.l.: France, "Parisiis". - T.d.: unknown.

Pipunculus ater Meigen, 1824: 23. - T.l.: Exact locality not given [?Germany according to Tanasijtshuk, 1988]. - T.d.: MNHN (under 1041). - Syn.: Verrall, 1901: 102.

Pipunculus dentipes Meigen, 1838: 146. - T.l.: Exact locality not given [?Germany, Stolberg according to Tanasijtshuk, 1988]. - T.d.: MNHN (under 1035). - Syn.: Verrall, 1901: 102.

Pipunculus dispar Zetterstedt, 1838: 579. - T.l.: Sweden, Lapland, Lycksele. - T.d.: ZML (Nr 2436, lectotype designated by Collin, 1956). - Syn.: Zetterstedt, 1844: 953.

Pipunculus cingulatus Loew, 1866: 176. - T.l.: USA, District of Columbia. - T.d.: MCZ (Nr 453). - Syn.: Hardy, 1940: 102.

Pipunculus horvathi Kertész, 1907: 579. - T.l.: USA, New York, Long Lake, Adirondack Mts. - T.d.: unknown(apparently not in TMB according to Dely-Draskovits, letter of 29.XI.1993). - Syn.: Hardy, 1940: 102.

Pipunculus townsendi Malloch, 1913a: 292. - T.l.: USA, New Mexico, Rio Ruidoso, White Mts. - T.d.: USNM (Nr 14801). - Syn.: Hardy, 1940: 102.

Dorilas hertzogi Rapp, 1943a: 118. - T.l.: USA, New Jersey, Gloucester Co., Glassboro. - T.d.: ANSP (Nr 6671). - Syn.: Hardy, 1947: 146.

DISTRIBUTION. Widespread Palaearctic and Nearctic.

ssp. ***himalayensis*** Brunetti, 1912

Pipunculus campestris var. *himalayensis* Brunetti, 1912: 487. - T.l.: India, Darjeeling. - T.d.: ZSI (probably lost, type species could not be located according to Kapoor *et al*, 1987).

DISTRIBUTION. Oriental: India. Palaearctic: PRC.

ssp. ***velutinus*** Cresson, 1911

Pipunculus cingulatus var. *velutinus* Cresson, 1911: 300. - T.l.: USA, Pennsylvania, Swarthmore. - T.d.: ANSP (Nr 5026).

Pipunculus wolfi Kowarz, 1887: 152 (as *wolfii*). Czech Republic, "M" [=Marienbad = Mariánské Lázne according to Tanasijtshuk, 1988]. - T.d.: UMO (VC-type 877, 2 syntypes according to Pont, letter of 29.X.1993). - Syn.: Strobl, 1894: 8.

DISTRIBUTION. Nearctic: Canada (AL); USA (AZ, IA, PA).

carlestolrai Kuznetzov, 1993

Pipunculus carlestolrai Kuznetzov, 1993b: 139. - T.l.: Spain, Barcelona Prov., Cabrils. - T.d.: CTC.

DISTRIBUTION. Palaearctic: E.

denticeps Kuznetzov, 1991

Pipunculus denticeps Kuznetzov, 1990b: 387. - T.l.: Mongolia, E Prov., r. Chalchin-Gol, 38 km SE Chalch-Gol. -

T.d.: ZISP.

DISTRIBUTION. Palaearctic: MO.

dimi Kuznetzov, 1991

Pipunculus dimi Kuznetzov, 1991a: 12. - T.l.: Latvia, Riga, NE Kishezers Lake, Klipinas. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: CH, LAT.

diuteus Morakote, 1990

Pipunculus diuteus Morakote in Morakote & Hirashima, 1990d: 222. - T.l.: Japan, Honshu, Iwate Pref., Mt Hayachine, Kawaranobo. - T.d.: KUF (Nr 2736).

DISTRIBUTION. Palaearctic: J.

emiliae Kuznetzov, 1991

Pipunculus emiliae Kuznetzov, 1990b: 385. - T.l.: Mongolia, Ubsunur Prov., 30 km S Hyargas. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: MO.

ferepaucus Hardy, 1965

Pipunculus Pipunculus ferepaucus Hardy, 1965a: 230. - T.l.: Argentina, Tucumán, Tafí Viejo, Quebrada La Toma.

- T.d.: IZML.

DISTRIBUTION. Neotropical: Argentina, Brazil.

fonsecai Coe, 1966

Pipunculus fonsecai Coe, 1966b: 51. - T.l.: Great Britain, England, Norfolk, Kilverstone. - T.d.: NHM.

DISTRIBUTION. Palaearctic: B, CH, D, GB, LAT, N, NL, S, SLK.

fuscus Loew, 1866

Pipunculus fuscus Loew, 1866: 175. - T.l.: USA, Maryland. - T.d.: MCZ (Nr 454).

ssp. ***fuscus*** s.str.

DISTRIBUTION. Nearctic: Canada (BC, ON); USA (AZ, CA, FL, KS, MA, MD, ME, MI, NH, NY, OH, PA, UT, VA, VT, WY).

ssp. ***nitidiventris*** Loew, 1866

Pipunculus nitidiventris Loew, 1866: 175. - T.l.: USA, District of Columbia. - T.d.: MCZ (Nr 455).

Pipunculus viduus Cresson, 1911: 301. - T.l.: USA, Vermont, Burlington. - T.d.: MCZ (Nr 13557). - Syn.: Hardy, 1943: 89.

Pipunculus sororius Cresson, 1911: 305. - T.l.: USA, Vermont, Brattleboro. - T.d.: MCZ (Nr 13576). - Syn.: Hardy, 1943: 89.

Pipunculus luteicornis Cresson, 1911: 307. - T.l.: USA, Maine, Machias. - T.d.: MCZ (Nr 26896). - Syn.: Hardy, 1965c: 552.

DISTRIBUTION. Nearctic: Canada (AL, BC, ON, QU, SA); USA (AZ, DC, IA, KS, MA, MD, ME, MI, NH, NJ, NY, OH, PA, RI, UT, VA, VT). Neotropical: Mexico.

hardyi Rafael, 1991

Pipunculus hardyi Rafael, 1991c: 183. - T.l.: Brazil, Paraná, Santa Catarina (BR-277, km 54). - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

houghi Kertész, 1900

Pipunculus houghi Kertész, 1900a: 244 (n.n. for *lateralis* Walker). - T.l.: "North America". - T.d.: NHM.

ssp. ***houghi*** s.str.

Pipunculus lateralis Walker, 1852: 216. [Preocc. Macquart, 1834]

Pipunculus femoratus Cresson, 1911: 302. - T.l.: USA, Vermont, Mt Ascutney. - T.d.: MCZ (Nr 13572). - Syn.: Hardy, 1943: 92.

DISTRIBUTION. Nearctic: Canada (ON); USA (FL, GA, IL, KS, MA, MD, NC, NY, OH, PA, RI, VA, VT, WA(DC)).

ssp. ***curvitibiae*** Hardy, 1939

Pipunculus femoratus var. *curvitibiae* Hardy, 1939: 19. - T.l.: USA, Arizona, Chiricahua Mts, Cave Cr. Canyon. - T.d.: USNM.

DISTRIBUTION. Nearctic: USA (AZ).

infandus Kuznetzov, 1991

Pipunculus infandus Kuznetzov, 1991a: 16. - T.l.: Russia, Far E, S Primorskiy Terr., Tatshyngouza Bay, Sudzhynsky Nature Reserve. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

kondarensis Kuznetzov, 1991

Pipunculus kondarensis Kuznetzov, 1991a: 18. - T.l.: Tajikistan, Kondra Canyon, Varzob r. Valley. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TAJ.

kozlovi Kuznetzov, 1991

Pipunculus kozlovi Kuznetzov, 1990b: 380. - T.l.: Mongolia, Dzavchan Prov., 30 km WNW Tes. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: MO, RUS.

kurilensis Kuznetzov, 1991

Pipunculus kurilensis Kuznetzov, 1991a: 23. - T.l.: Russia, Far E, Kuril Is, Shikotan I. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

lenis Kuznetzov, 1991

Pipunculus lenis Kuznetzov, 1991a: 23. - T.l.: Russia, Leningrad Prov., Luga. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

lichtwardti Kozánek, 1981

Pipunculus lichtwardti Kozánek, 1981b: 606. - T.l.: Slovakia, W Slovakia, Pieštany. - T.d.: IPE.
DISTRIBUTION. Palaearctic: LAT, SLK.

magnicarinatus Morakote, 1990

Pipunculus magnicarinatus Morakote in Morakote & Hirashima, 1990d: 219. - T.l.: Japan, Hokkaido, Kushiro, Mt O-akan, Akankohan. - T.d.: KUF (Nr 2734).
DISTRIBUTION. Palaearctic: J.

minutulus Kuznetzov, 1991

Pipunculus minutulus Kuznetzov, 1991a: 27. - T.l.: Russia, Far E, S Primorskiy Terr., Hasan Distr., Ryazanovka. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

mongolicus Kuznetzov, 1991

Pipunculus mongolicus Kuznetzov, 1990b: 385. - T.l.: Mongolia, C Prov., N slope of Mt Bog-do-Ula, nr Ulan-Bator. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: MO.

nartshukae Kuznetzov, 1991

Pipunculus nartshukae Kuznetzov, 1990b: 378. - T.l.: Mongolia, Bulgan Prov., r. Engeteyn-Gol, 10km SE Selenge. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: MO.

nitor Morakote, 1990

Pipunculus nitor Morakote in Morakote & Hirashima, 1990d: 224. - T.l.: Japan, Kyushu, Oita Pref., Mt Kuju. - T.d.: KUF (Nr 2740).
DISTRIBUTION. Palaearctic: J.

oldenbergi Collin, 1956

Pipunculus oldenbergi Collin, 1956: 163. - T.l.: Germany, "near Berlin" [=Finkenkrug & Berlin, Wannsee, according to Pont, 1995] & Sweden, Skåne, Löderup, strandbad. - T.d.: UMO (VC-type 765, 2 syntypes; cfr Pont, 1995) & ZML (Nr 2457, 1 syntype according to Danielsson in Pont, 1995).
DISTRIBUTION. Palaearctic: B, CH, CZ, D, J, LAT, S, SLK.

ommissinervis Becker, 1889

Pipunculus omissinervis Becker, 1889: 83. - T.l.: Switzerland, Eggischhorn. - T.d.: MNHU (specimen in this collection from locality Furka 23.7., Nr 19326 with red label indicating 'Typus'. The Furka Pass is in the neighbourhood of the Eggischhorn (about 30km). This seems to be the only specimen in the collection, and could be the holotype).
DISTRIBUTION. Palaearctic: CH, E, D, LAT, MO, SLK.

phaeton Coe, 1966

Pipunculus phaeton Coe, 1966b: 49. - T.l.: Great Britain, England, Oxford, Oxford. - T.d.: NHM.
DISTRIBUTION. Palaearctic: B, GB.

pumilionis Kuznetzov, 1991

Pipunculus pumilionis Kuznetzov, 1991a: 29. - T.l.: Russia, Far E, Kuril Is, Shikotan I, Kray Sveta cape. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

rarus Morakote, 1990

Pipunculus rarus Morakote in Morakote & Hirashima, 1990d: 224. - T.l.: Japan, Honshu, Fukushima Pref., Taiwamura, Yunohana. - T.d.: KUF (Nr 2739).
DISTRIBUTION. Palaearctic: J.

sajanicus Kuznetzov, 1991

Pipunculus sajanicus Kuznetzov, 1991a: 33. - T.l.: Russia, Sayan Mts, Karzanek nr Min. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

spinipes Meigen, 1830

Pipunculus spinipes Meigen, 1830: 359. - T.l.: Exact locality not given [?Germany, Stolberg according to Tanasijshuk, 1988]. - T.d.: MNHN (under 1034).

Pipunculus elegans Egger, 1860: 347. - T.l.: Austria, exact locality not given. - T.d.: probably NMW (Schiner's coll.). - Syn.: Becker, 1915: 65.

DISTRIBUTION. Palaearctic: A, B, BG, CH, CZ, D, DK, GB, I, LAT, N, NL, PL, S, SF, SLK.

***stackelbergi* Kuznetzov, 1991**

Pipunculus stackelbergi Kuznetzov, 1991a: 39. - T.l.: Russia, Leningrad Prov., Luga Distr., Yashchera. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

***subvaripes* Morakote, 1990**

Pipunculus subvaripes Morakote in Morakote & Hirashima, 1990d: 220. - T.l.: Japan, Honshu, Fukushima Pref., Tateiwa-mura, Yunohana. - T.d.: KUF (Nr 2735).

DISTRIBUTION. Palaearctic: J, NK.

***talgarensis* Kuznetzov, 1991**

Pipunculus talgarensis Kuznetzov, 1991a: 41. - T.l.: Kazakhstan, Almaatynsky Nature Reserve, Praviy Talgar r.. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: KAZ.

***tanasijtshuki* Kuznetzov, 1991**

Pipunculus tanasijtshuki Kuznetzov, 1991a: 41. - T.l.: Russia, Far E, S Primorskiy Terr., Suputinsky Nature Reserve. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

***tenuirostris* Kozánek, 1981**

Pipunculus tenuirostris Kozánek, 1981a: 4. - T.l.: Slovakia, C Slovakia, Dubové. - T.d.: SNMB.

DISTRIBUTION. Palaearctic: B, CZ, D, DK, GB, LAT, S, SLK.

***thomsoni* Becker, 1898**

Pipunculus thomsoni Becker, 1898: 67. - T.l.: Poland, "Schlesien". - T.d.: unknown (1 specimen in MNHU, Nr 22429, with red label indicating 'Typus' is from "Dalmatien" and therefore not from type locality. According to Kuznetzov, pers. comm. this is only specimen in MNHU collection with type label).

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, DK, ?E, GB, I, IRE, J, LAT, MO, N, NK, NL, PL, S, ?SF, SLK.

***ussuriensis* Kuznetzov, 1991**

Pipunculus ussuriensis Kuznetzov, 1991a: 45. - T.l.: Russia, Far E, S Primorskiy Terr., Ussuriysk Distr., Gorno-Taezhnaya Station. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

***varipes* Meigen, 1824**

Pipunculus varipes Meigen, 1824: 21. - T.l.: Exact locality not given [?Germany, Stolberg according to Tanasijtshuk, 1988]. - T.d.: MNHN (under 1038).

Pipunculus monticola Schummel, 1837: 86. - T.l.: Poland, "Wölfelsgrunde der Grafschaft Glatz" [= near Kłodzko, according to Tanasijtshuk, 1988]. - T.d.: unknown. - Syn.: Becker, 1921b: 156.

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, DK, GB, H, I, IRE, J, LAT, N, NL, PL, S, SF, SLK.

***violovitshi* Kuznetzov, 1991**

Pipunculus violovitshi Kuznetzov, 1991a: 2. - T.l.: Russia, Far E., Prymorskiy Terr., Sakhalin I., Terpeniya Peninsula, Kotikovo. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

***xanthopodus* Williston, 1892**

Pipunculus xanthopodus Williston, 1892: 87. - T.l.: Mexico, Guerrero, Sierra de las Aguas Escondidas. - T.d.: NHM (1 syntype, whereabouts of the other syntype unknown).

DISTRIBUTION. Neotropical: Mexico.

***zaitzevi* Kuznetzov, 1991**

Pipunculus zaitzevi Kuznetzov, 1990b: 382. - T.l.: Mongolia, C Prov., N slope of Mt Bog-do-Ula, nr Ulan-Bator. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: MO.

***zinovjevi* Kuznetzov, 1991**

Pipunculus zinovjevi Kuznetzov, 1991a: 47. - T.l.: Russia, Far E, Amur Reg., Klymoutsy, 40km W Svobodniy. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

***zlobini* Kuznetzov, 1991**

Pipunculus zlobini Kuznetzov, 1991a: 47. - T.l.: Russia, Far E, Primorskiy Terr., Ussuriysk Distr., Gornotayozhnoe. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

***zugmayeriae* Kowarz, 1887**

Pipunculus zugmayeriae Kowarz, 1887: 151. - T.l.: Czech Republic "A Ch" [= Asch, Chodau = Aš, Chodov] & "F" [= Franzensbad = Františkovy Lázne] [according to Tanasijtshuk, 1988]. - T.d.: UMO (VC-type 876, 2 syntypes labelled "Asch" and "Chodau" respectively; no material from Franzensbad).

DISTRIBUTION. Palaearctic: B, CH, CZ, D, GB, LAT, MO, NL, PL, SLK.

Tribe CEPHALOPSINI

Cephalops Fallén, 1810

Cephalops Fallén, 1810: 10. Type species: *Cephalops aeneus* Fallén, 1810, by monotypy.
 = *Wittella* Hardy, 1950a: 41. Type species: *Dorilas candidulus* Hardy, 1949b, by original designation.

Subgenus *Beckerias* Aczél, 1939

Beckerias Aczél, 1939c (as genus): 192. Type species: *Beckerias pannonicus* Aczél, 1939c, by original designation.

argutus (Hardy, 1968)

Pipunculus Pipunculus argutus Hardy, 1968: 470. - T.l.: Papua New Guinea, Bismarck Arch., New Ireland, Lemkamin. - T.d.: ZMK.
 DISTRIBUTION. Australasian/Oceanian: Australia, New Caledonia, PNG (Bismarck Arch). Oriental: Burma, China Hainan I, Malaysia, Philippines, Singapore, Thailand.

hemistilbus (Hardy, 1961)

Dorilas Dorilas hemistilbus Hardy, 1961: 128. - T.l.: Zaire, Parc National Garamba, "II/fd/17". - T.d.: KMMA.
 DISTRIBUTION. Afrotropical: Cameroon, Comoro Arch., Ivory Coast, Madagascar, Mauritius, Mozambique, South Africa, Tanzania, Zaire.

inchoatus (Hardy, 1949)

Beckerias inchoatus Hardy, 1949b: 62. - T.l.: Malawi, Cholo. - T.d.: NHM.
 DISTRIBUTION. Afrotropical: Malawi.

pannonicus (Aczél, 1939)

Beckerias pannonicus Aczél, 1939c: 192. - T.l.: Hungary, Komitat Zala, Gyenesdiás. - T.d.: TMB (apparently lost, Papp in letter of 15.III.1988).
Cephalops curifrons Coe, 1966b: 58. - T.l.: Great Britain, England, Cambridge, Woodditton Wood. - T.d.: NHM. - Syn.: De Meyer, 1989a: 753.
 DISTRIBUTION. Palaearctic: A, B, CZ, D, F, GB, H.

Subgenus *Cephalops* s. str.

Cephalops Fallén, 1810: 10. Type species: *Cephalops aeneus* Fallén, 1810, by monotypy.
 = *Wittella* Hardy, 1950a: 41. Type species: *Dorilas candidulus* Hardy, 1949b, by original designation.

abditus (Hardy, 1949)

Dorilas Dorilas abditus Hardy, 1949b: 13. - T.l.: Malawi, Ruo. - T.d.: NHM.
 DISTRIBUTION. Afrotropical: Malawi, South Africa, Zimbabwe.

adamanteus De Meyer & Kozánek, 1990

Cephalops adamanteus De Meyer & Kozánek, 1990: 827. - T.l.: North Korea, Kangwon Prov., Kumgan-san Mts, Manmulsang. - T.d.: SNMB.
 DISTRIBUTION. Palaearctic: NK.

aeneus Fallén, 1810

Cephalops aeneus Fallén, 1810: 25. - T.l.: Exact locality not given (Sweden). - T.d.: NRS (apparently lost; no specimens under *aeneus*, probably moved to *pratorum* but also no specimens there according to Collin, 1956).

Cephalops pratorum Fallén, 1816: 15. - T.l.: Sweden, "Scaniae" & Esperöd. - T.d.: NRS (apparently no type designated. Here is followed the opinion of Collin (1956) where it is stated that *pratorum* was a replacement name for *aeneus*, hence the former a junior synonym of the latter).

Pipunculus flavipes Meigen, 1824: 21. - T.l.: Exact locality not given [?Germany, Stolberg according to Tanasijtshuk, 1988]. - T.d.: unknown (lost or destroyed according to Collin, 1956. According to Matile (letter of 26.VII.1993) type never arrived in Paris since it was not catalogued by Séguier). - Syn.: Collin, 1956: 164.

Pipunculus braueri Strobl, 1880: 13. - T.l.: Austria, Seitenstetten "Am Rande des Stiftswaldes". - T.d.: NMSA. - Syn.: Collin, 1956: 164.

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, DK, F, GB, H, I, IRE, LAT, MO, N, NK, NL, PL, S, SF, SLK, SLV.

***albivillosus* (Hardy, 1949)**

Dorilas Dorilas albivillosus Hardy, 1949b: 19. - T.I.: Nigeria, N Nigeria, Baro. - T.d.: NHM (apparently lost, A. Pont in letter of 14.X.1988).

DISTRIBUTION. Afrotropical: Nigeria.

***amapaensis* Rafael, 1991**

Cephalops amapaensis Rafael, 1991a: 359. - T.I.: Brazil, Pará, Oriximiná, Rio Trombetas, Alcoa mineração. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

***amembranous* Rafael, 1991**

Cephalops amembranous Rafael, 1991a: 375. - T.I.: Mexico, Jalisco, Puerto Vallarta. - T.d.: CAS (Nr 15771).

DISTRIBUTION. Neotropical: Mexico.

***argenteus* Kuznetzov, 1991**

Cephalops argenteus Kuznetzov, 1991c: 59. - T.I.: Tajikistan, Kondara Canyon, Varzob r. Valley. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TAJ.

***bequaerti* (Curran, 1929)**

Pipunculus bequaerti Curran, 1929: 1. - T.I.: Zaire, Lubutu. - T.d.: AMNH.

DISTRIBUTION. Afrotropical: Zaire, Burundi.

***boharti* (Hardy, 1949)**

Dorilas Dorilas boharti Hardy, 1949a: 131. - T.I.: Okinawa, Chizuka. - T.d.: CAS (Nr 6261).

DISTRIBUTION. Palaearctic: Okinawa.

***brasiliensis* (Hardy, 1950)**

Dorilas Dorilas brasiliensis Hardy, 1950b: 444. - T.I.: Brazil, São Paulo, Boraceia. - T.d.: MZSP.

DISTRIBUTION. Neotropical: Brazil.

***burmensis* De Meyer, 1992**

Cephalops burmensis De Meyer 1992: 93. - T.I.: Burma, NE Burma, Kambaiti. - T.d.: UHM.

DISTRIBUTION. Oriental: Burma.

***caeruleimontanus* De Meyer & Grootaert, 1992**

Cephalops caeruleimontanus De Meyer & Grootaert, 1992b: 145. - T.I.: Australia, New South Wales, Blue Mts, Hat Hill. - T.d.: AMS.

DISTRIBUTION. Australasian/Oceanian: Australia.

***calcaratus* (Hardy, 1949)**

Dorilas Dorilas calcaratus Hardy, 1949b: 24. - T.I.: Ghana, Accra. - T.d.: NHM.

DISTRIBUTION. Afrotropical: Ghana.

***callistus* (Hardy, 1954)**

Dorilas Dorilas callistus Hardy, 1954a: 50. - T.I.: Brazil, Guanabara, Rio de Janeiro, Gavea. - T.d.: MNRJ.

DISTRIBUTION. Neotropical: Brazil.

***calvus* (De Meyer, 1990)**

Wittella calva De Meyer, 1990a: 183. - T.I.: Angola, Salazar. - T.d.: NHM.

DISTRIBUTION. Afrotropical: Angola.

***candidulus* (Hardy, 1949)**

Dorilas Eudorylas candidulus Hardy, 1949b: 25. - T.I.: Kenya, Naivasha. - T.d.: NHM.

DISTRIBUTION. Afrotropical: Cameroon, Kenya, South Africa, Zaire.

***cochleatus* De Meyer & Grootaert, 1992**

Cephalops cochleatus De Meyer & Grootaert, 1992b: 146. - T.I.: Australia, New South Wales, Warrumbungle National Park. - T.d.: AMS.

DISTRIBUTION. Australasian/Oceanian: Australia.

***congoensis* (Hardy, 1949)**

Dorilas Dorilas congoensis Hardy, 1949b: 26. - T.I.: Zaire, Tshibinda. - T.d.: NHM.

DISTRIBUTION. Afrotropical: Rwanda, Zaire.

***conjunctivus* Collin, 1958**

Cephalops conjunctivus Collin, 1958: 97. - T.I.: Croatia, Dalmatia, Korcula E end. - T.d.: NHM.

DISTRIBUTION. Palaearctic: E, Israel (incl. occupied Golan Heights), CR.

***deminitens* (Hardy, 1966)**

Pipunculus Pipunculus deminitens Hardy, 1966b: 443. - T.I.: Nepal, E Nepal, Taplejung Distr., Sangu. - T.d.: NHM.

DISTRIBUTION. Oriental: Nepal.

***eximius* (Hardy, 1972)**

Pipunculus Cephalops eximius Hardy, 1972c: 16. - T.l.: Vietnam, Fyan. - T.d.: BPBM (Nr 10240).
DISTRIBUTION. Oriental: Vietnam.

***flaviventris* De Meyer & Grootaert, 1992**

Cephalops flaviventris De Meyer & Grootaert, 1992b: 148. - T.l.: Australia, New South Wales, Church Point. - T.d.: AMS.
DISTRIBUTION. Australasian/Oceanian: Australia.

***furnaceus* De Meyer, 1989**

Cephalops furnaceus De Meyer, 1989b: 110. - T.l.: Canada, British Columbia, 5mi W Terrace. - T.d.: CNC (Nr 21080).
DISTRIBUTION. Nearctic: Canada (AL, BC, SA); USA (AK).

***grootaerti* De Meyer, 1989**

Cephalops grootaerti De Meyer, 1989b: 111. - T.l.: Canada, Ontario, Ottawa, Mer Blue. - T.d.: CNC (Nr 21099).
DISTRIBUTION. Nearctic: Canada (AL, BC, MA, ON, QU, SA, YT); USA (AK, AZ, CA, NV, NM, NY, PA, UT, WA).

***huashanensis* (Yang & Xu, 1989)**

Pipunculus Cephalops huashanensis Yang & Xu, 1989: 158. - T.l.: People's Republic of China, Shaanxi. - T.d.: BAU.
DISTRIBUTION. Palaearctic: PRC.

***inflatus* De Meyer, 1992**

Cephalops inflatus De Meyer, 1992b: 87. - T.l.: Cameroon, NW Prov., Vallée de la Haute Nguemba, Bafut Nguemba. - T.d.: MNHN.
DISTRIBUTION. Afrotropical: Cameroon.

***innitidus* Rafael, 1991**

Cephalops innitidus Rafael, 1991a: 361. - T.l.: Brazil, São Paulo, Barueri. - T.d.: MZSP.
DISTRIBUTION. Neotropical: Brazil.

***javensis* De Meyer, 1992**

Cephalops javensis De Meyer, 1992a: 95. - T.l.: Java (no exact locality given). - T.d.: BPBM (Nr 14572).
DISTRIBUTION. Oriental: Indonesia (Java).

***kalimus* (Hardy, 1962)**

Pipunculus Pipunculus kalimus Hardy, 1962a: 256. - T.l.: Mozambique, Manica-Sofala Distr., Gorongoza Mt. - T.d.: NMP (Nr 1005).
DISTRIBUTION. Afrotropical: Mozambique, Zimbabwe.

***kunashiricus* Kuznetzov, 1990**

Cephalops kunashiricus Kuznetzov, 1990a: 30. - T.l.: Russia, Far E, Kuril Is, Kunashir I. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

***kurilensis* Kuznetzov, 1990**

Cephalops kurilensis Kuznetzov, 1990a: 26. - T.l.: Russia, Far E, Kuril Is, Kunashir I, Mendeleev. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

***laeviventris* (Loew, 1858)**

Pipunculus laeviventris Loew, 1858: 374 [Loew, 1860: 353]. - T.l.: South Africa, "Caffraria". - T.d.: NRS.
DISTRIBUTION. Afrotropical: South Africa.

***limatus* (Hardy, 1965)**

Pipunculus Pipunculus limatus Hardy, 1965b: 17. - T.l.: Brazil, São Paulo, Campos do Jordão, Homem Morto. - T.d.: MZSP.
DISTRIBUTION. Neotropical: ?Argentina, Brazil.

***longipennis* (Brunetti, 1927)**

Pipunculus longipennis Brunetti, 1927: 302. - T.l.: Malaysia, Pahang, Wray's Camp, Gunong Tahan. - T.d.: NHM (2 syntypes).
DISTRIBUTION. Oriental: Malaysia.

***longistylis* De Meyer, 1989**

Cephalops longistylis De Meyer, 1989b: 113. - T.l.: USA, Missouri, Williamsville. - T.d.: CNC (Nr 21077).
DISTRIBUTION. Nearctic: USA (IA, MD, MO, MS, TN, VA).

***lubuti* (Curran, 1929)**

Pipunculus lubuti Curran, 1929: 1. - T.l.: Zaire, Lubutu. - T.d.: AMNH.
DISTRIBUTION. Afrotropical: Liberia, Zaire.

***lusingensis* (Hardy, 1952)**

Wittella lusingensis Hardy, 1952a: 66. - T.l.: Zaire, Parc National Upemba, Lusinga. - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Ivory Coast, South Africa, Zaire.

***maculiventris* (Brunetti, 1927)**

Pipunculus maculiventris Brunetti, 1927: 304. - T.l.: Malaysia, Tanah Rata, Cameron's Highlands, Pahang. - T.d.: NHM.

DISTRIBUTION. Oriental: Borneo, Burma, Malaysia, Philippines.

***multidenticulatus* De Meyer & Grootaert, 1990**

Cephalops multidenticulatus De Meyer & Grootaert, 1990: 407. - T.l.: Papua New Guinea, NE New Guinea, Morobe Distr., Wau. - T.d.: BPBM (Nr 14823).

DISTRIBUTION. Australasian/Oceanian: PNG.

***mundulus* (Hardy, 1968)**

Pipunculus Pipunculus mundulus Hardy, 1968: 479. - T.l.: Philippines, Mindanao, Zamboanga del Norte, Masawan, trail to Mt Malinbang. - T.d.: BPBM (Nr 7827).

DISTRIBUTION. Oriental: Philippines.

***nagatomii* (Hardy, 1972)**

Pipunculus Cephalops nagatomii Hardy, 1972c: 22. - T.l.: Thailand, N Thailand, Fang. - T.d.: BPBM (Nr 10242). DISTRIBUTION. Oriental: Thailand.

***nigricoxa* Rafael, 1991**

Cephalops nigricoxa Rafael, 1991a: 377. - T.l.: Brazil, Paraná, Terra Boa. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

***nigrifrons* Rafael, 1991**

Cephalops nigrifrons Rafael, 1991a: 378. - T.l.: Brazil, São Paulo, Campos do Jordão. - T.d.: MZSP.

DISTRIBUTION. Neotropical: Brazil.

***nitidellus* Rafael, 1991**

Cephalops nitidellus Rafael, 1991a: 363. - T.l.: Brazil, São Paulo, Itaporanga, N.B. Antonina. - T.d.: MZSP.

DISTRIBUTION. Neotropical: Brazil.

***nitidus* (Hardy, 1950)**

Dorilas Dorilas nitidus Hardy, 1950b: 447. - T.l.: Brazil, São Paulo, Cantareira, Chapadão. - T.d.: MZSP.

DISTRIBUTION. Neotropical: Brazil.

***obtusus* (Hardy, 1949)**

Dorilas Dorilas obtusus Hardy, 1949b: 46. - T.l.: South Africa, Cape Prov., Mossel Bay. - T.d.: NHM.

Dorilas Dorilas reconditus Hardy, 1949b: 53. - T.l.: South Africa, Cape Prov., Mossel Bay. - T.d.: NHM. - Syn.: De Meyer, 1992a: 92.

DISTRIBUTION. Afrotropical: Botswana, Ivory Coast, Kenya, Namibia, Nigeria, South Africa, Tanzania, Zaire, Zambia, Zimbabwe.

***pacatus* Morakote, 1990**

Cephalops pacatus Morakote in Morakote & Hirashima, 1990c: 192. - T.l.: Japan, Kyushu, Fukuoka Pref., Mt Hikosan. - T.d.: KUF (Nr 2730).

DISTRIBUTION. Palaearctic: J.

***pallidipleura* (Curran, 1929)**

Pipunculus pallidipleura Curran, 1929: 2. - T.l.: Zaire, Mt Ruwenzori. - T.d.: AMNH.

DISTRIBUTION. Afrotropical: South Africa, Zaire, Zimbabwe.

***pallidivittipes* De Meyer, 1989**

Cephalops pallidivittipes De Meyer, 1989b: 109. - T.l.: USA, Maryland, Laurel. - T.d.: CNC (Nr 21098).

DISTRIBUTION. Nearctic: Canada (AL, BC, NB, ON, QU, SA); USA (CT, ID, IN, MA, MD, ME, MI, NH, NJ, NY, OH, OR, PA, RI, TN, VA, VT, WY).

***pendleburyi* (Brunetti, 1927)**

Pipunculus pendleburyi Brunetti, 1927: 303. - T.l.: Malaysia, Cameron's Highlands, Pahang, Rhododendron Hill. - T.d.: NHM.

DISTRIBUTION. Oriental: Malaysia.

***perpaucus* (Hardy, 1950)**

Dorilas Dorilas perpaucus Hardy, 1950a: 19. - T.l.: Zaire, Parc National Albert, Kashwa, betw. Ngesho and Bishakishaki. - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Zaire.

***philippinensis* (Hardy, 1949)**

Dorilas Dorilas philippinensis Hardy, 1949a: 134. - T.l.: Philippines, Samar, Naval Base. - T.d.: CAS (6262).

DISTRIBUTION. Oriental: Philippines.

***ponti* Rafael, 1991**

Cephalops ponti Rafael, 1991a: 379. - T.l.: Brazil, Paraná, São José dos Pinhais. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

***pulvillatus* (Kertész, 1915)**

Dorylas pulvillatus [sic] Kertész, 1915: 387. - T.l.: Taiwan, Kankau. - T.d.: TMB (confirmed by Kozánek in letter of 28.XI.1993).

DISTRIBUTION. Oriental: Philippines, Taiwan. Palaearctic: Okinawa, PRC.

***quasilubuti* (Hardy, 1962)**

Pipunculus Pipunculus quasilubuti Hardy, 1962a: 257. - T.l.: South Africa, Natal, Ngome forest betw. Vrijheid and Nongoma. - T.d.: NMP (Nr 1006).

DISTRIBUTION. Afrotropical: South Africa.

***robustus* De Meyer & Grootaert, 1992**

Cephalops robustus De Meyer & Grootaert, 1992b: 149. - T.l.: Australia, New South Wales, Willoughby. - T.d.: AMS.

DISTRIBUTION. Australasian/Oceanian: Australia.

***talyshensis* Kuznetzov, 1990**

Cephalops talyshensis Kuznetzov, 1990a: 30. - T.l.: Azerbaijan, Talysh, Lerik area, Kalabin. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: AZE.

***tibetanus* Yang & Xu, 1987**

Cephalops tibetanus Yang & Xu, 1987: 177. - T.l.: People's Republic China, Tibet, Bomi Co.. - T.d.: BAU.

DISTRIBUTION. Palaearctic: PRC.

***turkmenorum* Kuznetzov, 1990**

Cephalops turkmenorum Kuznetzov, 1990a: 32. - T.l.: Turkmenistan, Baharden area, 10km ESE Karaul, Ipai-Kala. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TAJ, TUR.

***validus* (Hardy, 1972)**

Pipunculus Cephalops validus Hardy, 1972b: 128. - T.l.: Burma, NE Burma, Kambaiti. - T.d.: NHM.

DISTRIBUTION. Oriental: Burma.

***villifemoralis* (Hardy, 1954)**

Dorilas Dorilas villifemoralis Hardy, 1954a: 53. - T.l.: Brazil, Guanabara, Rio de Janeiro, Grajaú. - T.d.: MNRJ.

DISTRIBUTION. Neotropical: Brazil.

***villosiscutum* (Hardy, 1962)**

Wittella villosiscutum Hardy, 1962b: 243. - T.l.: Madagascar, C Madagascar, Plateau Soaindrana, Andringitra-Ambalavao. - T.d.: MNHN (not NMP as mentioned in original description, A. Seymour in letter of 10.VIII.1988).

DISTRIBUTION. Afrotropical: Madagascar.

***vinnulus* (Hardy, 1949)**

Dorilas Dorilas vinnulus Hardy, 1949c: 6. - T.l.: Zaire, Eala. - T.d.: KBIN.

DISTRIBUTION. Afrotropical: Zaire.

***vittipes* (Zetterstedt, 1844)**

Pipunculus vittipes Zetterstedt, 1844: 963. - T.l.: Sweden, Jamtland, Mullfjället. - T.d.: ZML (Nr 2437, lectotype designated by Collin, 1956).

DISTRIBUTION. Palaearctic: A, B, BG, CH, CZ, D, F, GB, J, LAT, MO, N, NK, NL, PL, S, SF, SLK.

***zululandicus* (Hardy, 1949)**

Dorilas Dorilas zululandicus Hardy, 1949b: 61. South Africa, Natal, Zululand, Eshowe. - T.d.: NHM.

DISTRIBUTION. Afrotropical: South Africa.

Subgenus *Parabeckerias* De Meyer, 1994

Parabeckerias De Meyer, 1994: 14. Type species: *Pipunculus obtusinervis* Zetterstedt, 1844, by original designation.

***obtusinervis* (Zetterstedt, 1844)**

Pipunculus obtusinervis Zetterstedt, 1844: 965. - T.l.: Scandinavia, "Scania". - T.d.: ZML (Nr 2439, lectotype designated by Collin, 1956).

Pipunculus pulchripes auctt. nec Thomson, 1870.

Pipunculus obscurinervis: erroneous spelling (in Schiner, 1862).

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, DK, GB, I, IRE, J, LAT, N, NL, PL, S, SF, SLK.

***taiwanensis* De Meyer, 1992**

Cephalops taiwanensis De Meyer, 1992a: 97. - T.l.: Taiwan, Alishan, Chiayi Hsien. - T.d.: BPBM (14577).

DISTRIBUTION. Oriental: Taiwan.

Subgenus *Semicephalops* De Meyer, 1994

Semicephalops De Meyer, 1994: 12. Type species: *Pipunculus semifumosus* Kowarz, 1887, by original designation.

(The subgenus *Semicephalops* is divided into three monophyletic subgroups, based on cladistic analysis as outlined in De Meyer, 1994. This subdivision is maintained in the list below, though no taxonomic rank is given to the subgroups)

semifumosus subgroup

acklandi Kozánek & De Meyer, 1992

Cephalops acklandi Kozánek & De Meyer, 1992: 101. - T.l.: North Korea, Ryanggang Prov., Paekdusan Mts, Samjiyon. - T.d.: SNMB.

DISTRIBUTION. Palaearctic: NK.

ariadneae De Meyer & Grootaert, 1992

Cephalops ariadneae De Meyer & Grootaert, 1992b: 151. - T.l.: Australia, New South Wales, Careel Bay. - T.d.: AMS.

DISTRIBUTION. Australasian/Oceanian: Australia.

bellulus (Hardy, 1949)

Dorilas Dorilas bellulus Hardy, 1949b: 21. - T.l.: Kenya, Naivasha. - T.d.: NHM.

DISTRIBUTION. Afrotropical: Kenya.

bifidus De Meyer & Grootaert, 1990

Cephalops bifidus De Meyer & Grootaert, 1990: 406. - T.l.: Papua New Guinea, NE Guinea, Morobe Distr., Wau. - T.d.: BPBM (Nr 14822).

DISTRIBUTION. Australasian/Oceanian: PNG.

carinatus (Verrall, 1901)

Pipunculus carinatus Verrall, 1901: 104. - T.l.: Great Britain, England, Worcester, Wyre Forest, Bewdley. - T.d.: UMO (VC-type 37).

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, DK, F, GB, I, LAT, MO, NK, NL, S, SF, SLK.

cautus (Hardy, 1952)

Dorilas Dorilas cautus Hardy, 1952c: 14. - T.l.: Burundi, Bururi. - T.d.: KBIN.

DISTRIBUTION. Afrotropical: Burundi, Kenya.

chlorionae (Frey, 1945)

Pipunculus chlorionae Frey, 1945: 101. - T.l.: Finland, Nylandia, Tvärminne, Zoological Station Gloet. - T.d.: ZMH.

DISTRIBUTION. Palaearctic: GB, N, S, SF.

curvarmatus De Meyer, 1989

Cephalops curvarmatus De Meyer, 1989b: 114. - T.l.: USA, Alaska, Unakleet. - T.d.: CNC (Nr 21078).

DISTRIBUTION. Nearctic: USA (AK).

digitatus De Meyer, 1989

Cephalops digitatus De Meyer, 1989b: 115. - T.l.: USA, California, San Mateo Co., Montara. - T.d.: CAS (Nr 16407).

DISTRIBUTION. Nearctic: USA (CA, WA).

emelianovi Kuznetzov, 1991

Cephalops emelianovi Kuznetzov, 1990b: 388. - T.l.: Mongolia, Chobdos Prov., well Nariyn-ulak, range Chavtiny-Nuru. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: MO.

eufraternus (Kapoor, Grewal & Sharma, 1987)

Pipunculus Cephalops eufraternus Kapoor, Grewal & Sharma, 1987: 122. - T.l.: India, Union Terr., Chandigarh. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

***extimus* (Hardy, 1952)**

Dorilas Dorilas extimus Hardy, 1952c: 15. - T.I.: Burundi, Bururi. - T.d.: KBIN.

DISTRIBUTION. Afrotropical: Burundi.

***fraternus* (Kertész, 1912)**

Dorylas fraternus Kertész, 1912: 289. - T.I.: Taiwan, Chip-Chip. - T.d.: unknown (not in TMB, according to Dely-Draskovits, letter of 29.XI.1993).

DISTRIBUTION. Oriental: Taiwan, Thailand, Vietnam. Australasian/Oceanian: PNG (Bismarck Arch).

***grandimembranus* De Meyer, 1989**

Cephalops grandimembranus De Meyer, 1989a: 739. - T.I.: Germany, Ober Bayern, Hohen Aschau. - T.d.: SMNS.

DISTRIBUTION. Palaearctic: D.

***hardyi* De Meyer, 1989**

Cephalops hardyi De Meyer, 1989b: 116. - T.I.: USA, New York, Ulster Co., Cherrytown, 4mi NNW Kerhonkson. - T.d.: AMNH.

DISTRIBUTION. Nearctic: Canada (BC, QU, YT); USA (AK, MA, MI, NV, NY).

***libidinosus* De Meyer, 1991**

Cephalops libidinosus De Meyer, 1991a: 215. - T.I.: New Zealand, AK, Lynfield. - T.d.: DSIR.

DISTRIBUTION. Australasian/Oceanian: New Zealand.

***longiductulis* De Meyer, 1989**

Cephalops longiductulis De Meyer, 1989b: 117. - T.I.: USA, Mississippi, Lafayette Co.. - T.d.: CNC (Nr 21101).

DISTRIBUTION. Nearctic: USA (FL, MS, VA).

***longisetosus* (Hardy, 1950)**

Dorilas Dorilas longisetosus Hardy, 1950a: 18. - T.I.: Zaire, Parc National Albert, Tshamugussa, Bweza. - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Uganda, Zaire.

***lucidus* (Hardy, 1950)**

Dorilas Cephalosphaera lucidus Hardy, 1950a: 11. - T.I.: Rwanda, Rutabagwe, Kundhuru ya Tshuve. - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Rwanda.

***mainensis* (Cresson, 1911)**

Pipunculus mainensis Cresson, 1911: 298. - T.I.: USA, Maine, Fort Kent. - T.d.: MCZ (Nr 26897).

Pipunculus trichaetus Malloch, 1913a: 296. - T.I.: USA, New Hampshire, Mt Washington. - T.d.: USNM (Nr 14808). - Syn.: De Meyer, 1989b: 117.

DISTRIBUTION. Nearctic: Canada (AL, BC, ON); USA (AK, AZ, CO, ME, NC, NH, NV).

***navus* (Hardy, 1952)**

Dorilas Dorilas navus Hardy, 1952a: 63. - T.I.: Zaire, Parc National Upemba, Lusinga. - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Kenya, South Africa, Zaire, Zimbabwe.

***orestes* (Hardy, 1972)**

Pipunculus Cephalops orestes Hardy, 1972c: 24. - T.I.: Philippines, Luzon, Dalton Pass, Neuve Vizcaya. - T.d.: BPBM (Nr 10243).

DISTRIBUTION. Oriental: Philippines.

***paganus* (Hardy, 1965)**

Pipunculus Pipunculus paganus Hardy, 1965b: 20. - T.I.: Brazil, São Paulo, Barueri. - T.d.: MZSP.

DISTRIBUTION. Neotropical: Brazil.

***palawanensis* (Hardy, 1972)**

Pipunculus Cephalops palawanensis Hardy, 1972c: 26. - T.I.: Philippines, Palawan, Mt Beaufort, Irawan r.. - T.d.: BPBM (Nr 10244).

DISTRIBUTION. Oriental: Philippines.

***pallipes* (Johnson, 1903)**

Pipunculus pallipes Johnson, 1903: 107. - T.I.: USA, New Jersey, Wildwood. - T.d.: MCZ (Nr 7673).

DISTRIBUTION. Nearctic: Canada (AL, BC, MA, NS, YT); USA (CA, CO, FL, MI, NE, NY, OR, TN). Neotropical: Mexico.

***papuaensis* De Meyer & Grootaert, 1990**

Cephalops papuaensis De Meyer & Grootaert, 1990: 408. - T.I.: Papua New Guinea, NE New Guinea, 22km SE Chuave. - T.d.: BPBM (Nr 14824).

DISTRIBUTION. Australasian/Oceanian: PNG.

***pauculus* (Hardy, 1954)**

Dorilas Dorilas paucus Hardy, 1954a: 51. - T.I.: Brazil, Guanabara, Rio de Janeiro, Gavea. - T.d.: MNRI.

DISTRIBUTION. Neotropical: ?Argentina, Brazil.

***penepauculus* (Hardy, 1965)**

Pipunculus Pipunculus penepauculus Hardy, 1965a: 232. - T.l.: Argentina, Tucumán, Taff Viejo, Quebrada La Toma. - T.d.: IZML.

DISTRIBUTION. Neotropical: Argentina.

***penultimus* Ackland, 1993**

Cephalops penultimus Ackland, 1993: 97. - T.l.: Great Britain, England, Cambs, Chippenham Fen. - T.d.: UMO.

DISTRIBUTION. Palaearctic: B, D, GB, NL.

***perspicuus* (de Meijere, 1907)**

Pipunculus perspicuus de Meijere, 1907a: 179. - T.l.: The Netherlands, Bussum. - T.d.: ZMA.

Pipunculus flavomaculatus Strobl, 1910: 113. [Preocc. Hough, 1901]

Dorylas flavonotatus Kertész, 1915: 386 (n.n. for *flavomaculatus* Strobl). - T.l.: Austria, Steiermark. - T.d.: NMSA. - Syn.: De Meyer, 1991b: 109. (under *flavomaculatus* Strobl).

Pipunculus subflavus Becker, 1921b: 155. - T.l.: France, St Jean. - T.d.: MNHU (Nr 60933). - Syn.: Kozánek & Lauterer, 1987: 12.

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, DK, F, GB, Israel, LAT, NL, S, SLK.

***phaethus* (Hardy & Knowlton, 1939)**

Pipunculus varius var. *phaethus* Hardy & Knowlton, 1939b: 123. - T.l.: USA, Utah, Paradise. - T.d.: USNM.

DISTRIBUTION. Nearctic: USA(UT). Neotropical: Mexico.

***ruandensis* (Hardy, 1950)**

Dorilas Dorilas ruandensis Hardy, 1950a: 21. - T.l.: Rwanda, Kundhuru ya Tshuve, Rutabagwe. - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Rwanda, Zaire.

***saegeri* (Hardy, 1961)**

Dorilas Dorilas saegeri Hardy, 1961: 130. - T.l.: Zaire, Parc National Garamba, "II/fd/18". - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Zaire.

***semifumosus* (Kowarz, 1887)**

Pipunculus semifumosus Kowarz, 1887: 149. - T.l.: Czech Republic, "Ch E" [Chodau Eger = Chodov, Cheb according to Tanasijtshuk, 1988]. - T.d.: unknown (specimen from Schneeberg (Austria) in UMO collection not syntype according to Pont, letter of 29.X.1993).

Pipunculus stroblii Verrall, 1901: 109. - T.l.: Great Britain, England, Cambs, Kirtling & Chippenham Fen. - T.d.: UMO (VC-type 38, 8 syntypes+male genitalia of 9th syntype; cfr Pont, 1995). - Syn.: Becker, 1921b: 158.

Pipunculus strigulipes Verrall, 1901: 112. - T.l.: Great Britain, England, Bournemouth. - T.d.: BMAG (VC-type 39; cfr Pont, 1995). - Syn.: Becker, 1921b: 158.

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, DK, GB, H, IRE, LAT, N, NL, PL, S, SF, SLK.

***shikotanicus* Kuznetsov, 1990**

Cephalops shikotanicus Kuznetsov, 1990a: 30. - T.l.: Russia, Far E, Kuril Is, Shikotan I, Tserkovnaja Bay. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: NK, RUS.

***signatus* (Becker, 1900)**

Pipunculus signatus Becker, 1900: 232. - T.l.: "Kupinovo, Ungarn" [= Yugoslavia, W of Beograd according to Ackland, 1993]. - T.d.: TMB (presumably lost. According to Dely-Draskovits, letter of 29.XI.1993 : "noch einige Arten die rote Etikette haben: *Pipunculus signatus* Becker", although earlier (Dely-Draskovits in Ackland, 1993) mentioned that type is lost. Kozánek (pers. comm.) also mentions empty pin in collection of TMB with locality label Kupinova. Specimen in MNHU not type, cfr De Meyer, 1989a and Ackland, 1993).

Cephalops oberon Coe, 1966b: 59. - T.l.: Great Britain, England, Berks, Bagley Wood. - T.d.: NHM. - Syn.: De Meyer, 1989a: 744.

Cephalops titania Coe, 1966b: 62. - T.l.: Great Britain, England, Surrey, Addington. - T.d.: NHM. - Syn.: Kozánek & Lauterer, 1987: 14.

DISTRIBUTION. Palaearctic: A, B, ?CH, D, F, GB, H, LAT, MO, NK, NL, SLK, YU.

***stygius* (Hardy, 1948)**

Dorilas Dorilas stygius Hardy, 1948c: 5. - T.l.: Jamaica, Moneague. - T.d.: MCZ (Nr 27702).

DISTRIBUTION. Neotropical: Cuba, Dominican Rep., Jamaica.

***subultimus* Collin, 1956**

Cephalops subultimus Collin, 1956: 165. - T.l.: Great Britain, Scotland, Sutherland, Golspie & Norway, Oslo & Sweden, Esperød. - T.d.: UMO (VC-type 763, 6 syntypes; cfr Pont, 1995) & ZML (4 syntypes according to Danielsson in Pont, 1995. No type number given yet).

DISTRIBUTION. Palaearctic: B, CH, CZ, D, DK, GB, I, IRE, LAT, N, NL, S, SF, SLK.

***terraereginae* De Meyer & Grootaert, 1992**

Cephalops terraereginae De Meyer & Grootaert, 1992b: 152. - T.l.: Australia, Queensland, Tibrogargen Ck. - T.d.: BPBM (Nr 14769).

DISTRIBUTION. Australasian/Oceanian: Australia.

***ugandensis* De Meyer, 1992**

Cephalops ugandensis De Meyer, 1992b: 104. - T.l.: Uganda, Kigezi Distr., Kanaba. - T.d.: NHM.

DISTRIBUTION. Afrotropical: Uganda.

***ultimus* (Becker, 1900)**

Pipunculus ultimus Becker, 1900: 231. - T.l.: Italy, Sondrio. - T.d.: MNHU.

Dorylas obtusicornis Duda, 1940: 219. - T.l.: Poland, "bei Habelschwerdt, Grafschaft Glatz" [= Bystrzyca Kłodzka, according to Tanasijtshuk, 1988]. - T.d.: MNHU. - Syn.: Kuznetsov, 1994c: 105.

DISTRIBUTION. Palaearctic: A, B, BG, CH, CZ, D, F, GB, GR, I, LAT, N, NL, PL, SLK.

***varius* (Cresson, 1911)**

Pipunculus varius Cresson, 1911: 309. - T.l.: USA, Pennsylvania, Harrisburg. - T.d.: MCZ (Nr 13569).

DISTRIBUTION. Nearctic: Canada (AL, BC, LA, MA, ON, QU, YT); USA (AK, AZ, CA, ID, KS, ME, MA, MI, NV, NJ, NY, OR, PA, SC, TN, VA, WY). Palaearctic: CH, D, E.

***xanthocnemis* (Perkins, 1905)**

Pipunculus xanthocnemis Perkins, 1905: 148. - T.l.: Australia, Queensland, Cairns. - T.d.: BPBM (Nr 4219).

DISTRIBUTION. Australasian/Oceanian: Australia.

hawaiiensis subgroup

***acrothrix* (Perkins, 1910)**

Pipunculus acrothrix Perkins, 1910: 698. - T.l.: Hawaiian Is, Hawaii, Kilauea. - T.d.: BPBM (Nr 1478).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***alienus* (Hardy, 1953)**

Dorilas Dorilas alienus Hardy, 1953: 59. - T.l.: Hawaiian Is, Maui, Iao Valley. - T.d.: USNM.

ssp. ***alienus*** s.str.

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

ssp. ***koolauensis*** (Hardy, 1964)

Pipunculus alienus koolauensis Hardy, 1964b: 318. - T.l.: Hawaiian Is, Oahu, Mt Tantalus. - T.d.: BPBM (Nr 4222).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***amplus* (Hardy, 1964)**

Pipunculus Pipunculus amplus Hardy, 1964b: 320. - T.l.: Hawaiian Is, Oahu, Mt Tantalus. - T.d.: BPBM (Nr 4223).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***apletomeris* (Hardy, 1964)**

Pipunculus Pipunculus apletomeris Hardy, 1964b: 321. - T.l.: Hawaiian Is, Hawaii, Upper Olaa forest. - T.d.: BPBM (Nr 4224).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***bicuspidis* (Hardy, 1964)**

Pipunculus Pipunculus bicuspidis Hardy, 1964b: 323. - T.l.: Hawaiian Is, Kauai, Kokee. - T.d.: BPBM (Nr 4225).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***canutifrons* (Hardy, 1964)**

Pipunculus Pipunculus canutifrons Hardy, 1964b: 325. - T.l.: Hawaiian Is, Hawaii, Kulani. - T.d.: BPBM (Nr 4226).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***chauliosternum* (Hardy, 1964)**

Pipunculus Pipunculus chauliosternum Hardy, 1964b: 327. - T.l.: Hawaiian Is, Kauai, Kokee. - T.d.: BPBM (Nr 4227).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***cornutus* (Hardy, 1953)**

Dorilas Dorilas cornutus Hardy, 1953: 60. - T.l.: Hawaiian Is, Oahu, Mt Tantalus. - T.d.: USNM.

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***delomeris* (Hardy, 1964)**

Pipunculus Pipunculus delomeris Hardy, 1964b: 330. - T.l.: Hawaiian Is, Molokai, Pepeopae. - T.d.: BPBM (Nr 4228).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***euryhymenos* (Hardy, 1964)**

Pipunculus Pipunculus euryhymenos Hardy, 1964b: 332. - T.l.: Hawaiian Is, Kauai, Alakai swamp. - T.d.: BPBM (Nr 4229).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***filicicola* (Hardy, 1964)**

Pipunculus Pipunculus filiciculus Hardy, 1964b: 334. - T.l.: Hawaiian Is, Oahu, Mt Tantalus. - T.d.: BPBM (Nr 4230).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***gnomus* (Hardy, 1964)**

Pipunculus Pipunculus gnomus Hardy, 1964b: 336. - T.l.: Hawaiian Is, Hawaii, Kamuela. - T.d.: BPBM (Nr 4231).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***haleakalaae* (Hardy, 1953)**

Dorilas Dorilas haleakalaae Hardy, 1953: 64. - T.l.: Hawaiian Is, Maui, Haleakala. - T.d.: BPBM (Nr 4220).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***hawaiiensis* (Perkins, 1905)**

Pipunculus hawaiiensis Perkins, 1905: 155. - T.l.: Hawaiian Is, Hawaii, Hamakua, Paauhau. - T.d.: BPBM (Nr 1476).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***holomelas* (Perkins, 1910)**

Pipunculus holomelas Perkins, 1910: 698. - T.l.: Hawaiian Is, Molokai. - T.d.: BPBM (Nr 1480).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***injectivus* (Hardy, 1964)**

Pipunculus Pipunculus injectivus Hardy, 1964b: 344. - T.l.: Hawaiian Is, Hawaii, Nauhi Gulch. - T.d.: BPBM (Nr 5987).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***juvator* (Perkins, 1905)**

Pipunculus juvator Perkins, 1905: 152. - T.l.: Hawaiian Is, no label (probably Olao). - T.d.: BPBM (Nr 2839).

ssp. ***juvator*** s.str.

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

ssp. ***melanopodis*** (Hardy, 1953)

Dorilas juvator melanopodis Hardy, 1953: 64. - T.l.: Hawaiian Is, Maui, Makamakaole Valley. - T.d.: USNM.

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***juvencus* (Hardy, 1964)**

Pipunculus Pipunculus juvencus Hardy, 1964b: 347. - T.l.: Hawaiian Is, Maui, Puu Kukui. - T.d.: BPBM (Nr 4232).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***laterisutilis* (Hardy, 1964)**

Pipunculus Pipunculus laterisutilis Hardy, 1964b: 348. - T.l.: Hawaiian Is, Maui, Kahiku. - T.d.: BPBM (Nr 4233).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***macrothrix* (Hardy, 1964)**

Pipunculus Pipunculus macrothrix Hardy, 1964b: 350. - T.l.: Hawaiian Is, Hawaii, Kilauea, Bird Park. - T.d.: BPBM (Nr 4234).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***megameris* (Hardy, 1964)**

Pipunculus Pipunculus megameris Hardy, 1964b: 352. - T.l.: Hawaiian Is, Maui, Waiakamoi. - T.d.: BPBM (Nr 4235).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***molokaiensis* (Grimshaw, 1901)**

Pipunculus molokaiensis Grimshaw, 1901: 17. - T.l.: Hawaiian Is, Molokai, Molokai Mts. - T.d.: NHM (2 syntypes).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***nigrotarsatus* (Grimshaw, 1901)**

Pipunculus nigrotarsatus Grimshaw, 1901: 18. - T.l.: Hawaiian Is, Hawaii, Kona. - T.d.: NHM.

Pipunculus vulcanus Perkins, 1910: 697. - T.l.: Hawaiian Is, Hawaii, Kilauea. - T.d.: BPBM (Nr 1477). - Syn.: Hardy, 1964b: 355.

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***oahuensis* (Perkins, 1905)**

Pipunculus oahuensis Perkins, 1905: 153. - T.l.: Hawaiian Is, Oahu, Honolulu Mts. - T.d.: BPBM (Nr 1481).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***obscuratus* (Hardy, 1953)**

Dorilas Dorilas obscuratus Hardy, 1953: 66. - T.l.: Hawaiian Is, Hawaii, Keanakolu. - T.d.: USNM.

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***obstipus* (Hardy, 1964)**

Pipunculus Pipunculus obstipus Hardy, 1964b: 360. - T.l.: Hawaiian Is, Maui, Puu Kukui. - T.d.: BPBM (Nr 4236).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***perkinsiellae* (Hardy, 1953)**

Dorilas Dorilas perkinsiellae Hardy, 1953: 69. - T.I.: Hawaiian Is, Oahu, Oahu plantation, field nr 40 (21°26'N 158°5'W). - T.d.: BPBM (Nr 4221).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***proditus* (Hardy, 1964)**

Pipunculus Pipunculus proditus Hardy, 1964b: 363. - T.I.: Hawaiian Is, Oahu, Lanihuli. - T.d.: BPBM (Nr 5988).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***rotundipennis* (Grimshaw, 1901)**

Pipunculus rotundipennis Grimshaw, 1901: 18. - T.I.: Hawaiian Is, Hawaii, Kilauea. - T.d.: NHM.

Pipunculus pyrophilus Perkins, 1910: 698. - T.I.: Hawaiian Is, Hawaii, Kilauea. - T.d.: BPBM (Nr 1479). - Syn.: Hardy, 1964b: 365.

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***sectus* (Hardy, 1964)**

Pipunculus Pipunculus sectus Hardy, 1964b: 367. - T.I.: Hawaiian Is, Maui, Ridge S Iao Valley. - T.d.: BPBM (Nr 4237).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***swezeyi* (Perkins, 1905)**

Pipunculus swezeyi Perkins, 1905: 154. - T.I.: Hawaiian Is, Oahu, Pacific Heights, Honolulu. - T.d.: BPBM (Nr 1665).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***terryi* (Perkins, 1905)**

Pipunculus terryi Perkins, 1905: 153. - T.I.: Hawaiian Is, Kauai, Grove farm P. - T.d.: BPBM (Nr 4217).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***timberlakei* (Hardy, 1953)**

Dorilas Dorilas timberlakei Hardy, 1953: 70. - T.I.: Hawaiian Is, Hawaii, Keanakolu. - T.d.: USNM.

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***titanus* (Hardy, 1964)**

Pipunculus Pipunculus titanus Hardy, 1964b: 374. - T.I.: Hawaiian Is, Maui, Puu Kukui. - T.d.: BPBM (Nr 4238).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***trichostylis* (Hardy, 1964)**

Pipunculus Pipunculus trichostylis Hardy, 1964b: 376. - T.I.: Hawaiian Is, Maui, Waikamoi. - T.d.: BPBM (Nr 4239).

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

***uluhe* (Hardy, 1953)**

Dorilas Dorilas uluhe Hardy, 1953: 72. - T.I.: Hawaiian Is, Maui, Makamakaole Valley. - T.d.: USNM.

DISTRIBUTION. Australasian/Oceanian: Hawaiian Is.

visendus* subgroup**inpaganus* Rafael, 1991**

Cephalops inpaganus Rafael, 1991a: 362. - T.I.: Brazil, Paraná, Terra Boa. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

***magnimembrus* De Meyer, 1992**

Cephalops magnimembrus De Meyer, 1992a: 96. - T.I.: Sri Lanka, 10km W Kandy. - T.d.: BPBM (Nr 14573).

DISTRIBUTION. Oriental: Sri Lanka.

***parmatus* De Meyer & Grootaert, 1990**

Cephalops parmatus De Meyer & Grootaert, 1990: 410. - T.I.: Papua New Guinea, NE New Guinea, Morobe Distr., Wau. - T.d.: BPBM (Nr 14825).

DISTRIBUTION. Australasian/Oceanian: PNG.

***visendus* (Hardy, 1950)**

Dorilas Dorilas visendus Hardy, 1950a: 23. - T.I.: Zaire, Parc National Albert, Kitondo, near Gandjo. - T.d.: KMMA.

Dorilas Dorilas mauritianus Hardy, 1956b: 181. - T.I.: Mauritius [no exact locality given]. - T.d.: NHM. - Syn.: De Meyer, 1992b: 105.

Pipunculus Pipunculus intimilobus Hardy, 1962b: 248. - T.I.: Madagascar, E Madagascar, Ranomafana. - T.d.: NMB. - Syn.: De Meyer, 1992b: 105.

DISTRIBUTION. Afrotropical: Cameroon, Ivory Coast, Madagascar, Mauritius, Rwanda, Zaire.

subgenerically unplaced

artifrons (Hardy, 1968)

Pipunculus Pipunculus artifrons Hardy, 1968: 471. - T.l.: Papua New Guinea, Bismarck Arch., New Britain, Ti, Nakanai Mts. - T.d.: BPBM (Nr 7825).

DISTRIBUTION. Australasian/Oceanian: PNG (Bismarck Arch.).

buclavus (Hardy, 1968)

Pipunculus Pipunculus buclavus Hardy, 1968: 472. - T.l.: Papua New Guinea, Bismarck Arch., New Britain, Valoka. - T.d.: ZMK.

DISTRIBUTION. Australasian/Oceanian: PNG (Bismarck Arch.).

chandiensis (Kapoor, Grewal & Sharma, 1987)

Pipunculus Cephalops chandiensis Kapoor, Grewal & Sharma, 1987: 119. - T.l.: India, Union Terr., Chandigarh. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

excellens (Kertész, 1912)

Dorylas excellens Kertész, 1912: 288. - T.l.: Taiwan, Kosempo. - T.d.: unknown ('Sauter's coll.' Not in TMB according to Dely-Draskovits, letter of 29.XI.1993).

DISTRIBUTION. Oriental: Taiwan.

flavocinctus (Brunetti, 1912)

Pipunculus flavocinctus [sic] Brunetti, 1912: 488. - T.l.: India, Darjeeling, Kurseong. - T.d.: ZSI (Nr 1931-H1, in very poor condition according to Kapoor *et al*, 1987).

DISTRIBUTION. Oriental: India.

imparilis (Hardy, 1968)

Pipunculus Pipunculus imparilis Hardy, 1968: 474. - T.l.: Papua New Guinea, Bismarck Arch., New Ireland, Lemkamin. - T.d.: ZMK.

DISTRIBUTION. Australasian/Oceanian: PNG (Bismarck Arch.). Oriental: Burma.

incohatus Morakote, 1990

Cephalops incohatus Morakote in Morakote & Hirashima, 1990c: 194. - T.l.: Japan, Honshu, Kyoto Pref., Yawate. - T.d.: KUF (Nr 2732).

DISTRIBUTION. Palaearctic: J.

kashmerensis (Kapoor, Grewal & Sharma, 1987)

Pipunculus Cephalops kashmerensis Kapoor, Grewal & Sharma, 1987: 125. - T.l.: No type material mentioned in the original description. According to Kapoor (letter of 22.VI.1989): India, Jammu & Kashmir State, Srinagar, Parimahal. - T.d.: Probably NPC like other species described in Kapoor, Grewal & Sharma, 1987.

DISTRIBUTION. Oriental: India.

kumaonensis (Kapoor, Grewal & Sharma, 1987)

Pipunculus Cephalops kumaonensis Kapoor, Grewal & Sharma, 1987: 126. - T.l.: India, Uttar Pradesh, Ranikhet. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

kumatai Morakote, 1990

Cephalops kumatai Morakote in Morakote & Hirashima, 1990c: 195. - T.l.: Japan, Hokkaido, Apoi. - T.d.: HUS.

DISTRIBUTION. Palaearctic: J.

mashobraensis (Kapoor, Grewal & Sharma, 1987)

Pipunculus Cephalops mashobraensis Kapoor, Grewal & Sharma, 1987: 129. - T.l.: India, Himachal Pradesh, Mashobra. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

metallicus Morakote, 1990

Cephalops metallicus Morakote in Morakote & Hirashima, 1990c: 194. - T.l.: Japan, Honshu, Niigata, Asahi-mura, Boudou-toge. - T.d.: KUF (Nr 2731).

DISTRIBUTION. Palaearctic: J.

nigronitens (Brunetti, 1912)

Pipunculus nigronitens Brunetti, 1912: 490. - T.l.: India, Darjeeling. - T.d.: ZSI.

DISTRIBUTION. Oriental: India.

seminitidus (Becker, 1898)

Pipunculus seminitidus Becker, 1898: 73. - T.l.: Croatia, Dalmatia, Dubrovnik. - T.d.: MNHU (lost, only one wing left according to Schumann, letter of 11.I.1988).

DISTRIBUTION. Palaearctic: CR.

splendens De Meyer, 1992

Cephalops splendens De Meyer, 1992b: 106. - T.l.: Kenya, Nairobi. - T.d.: NHM.
DISTRIBUTION. Afrotropical: Kenya.

yoshiyasui Morakote, 1990

Cephalops yoshiyasui Morakote in Morakote & Hirashima, 1990c: 195. - T.l.: Japan, Honshu, Kyoto Pref., Yawate. - T.d.: KUF (Nr 2733).
DISTRIBUTION. Palaearctic: J.

Cephalosphaera Enderlein, 1936

Cephalosphaera Enderlein, 1936: 129. Type species: *Pipunculus furcatus* Egger, 1860, by original designation (not monotypy, see IZN, 1961: 230).
= *Strandimyza* Duda, 1940: 216. Type species: *Pipunculus furcatus* Egger, 1860, by original designation.
= *Anacephalops* Aczél, 1940: 151. Type species: *Pipunculus amboinalis* Walker, 1860, by original designation.

Subgenus *Cephalosphaera* s.str.

Cephalosphaera Enderlein, 1936: 129. Type species: *Pipunculus furcatus* Egger, 1860, by original designation (not monotypy, see IZN, 1961: 230).
= *Strandimyza* Duda, 1940: 216. Type species: *Pipunculus furcatus* Egger, 1860, by original designation.

acuminata (Cresson, 1911)

Pipunculus acuminatus Cresson, 1911: 297. - T.l.: U.S.A., New Mexico, Alamogordo. - T.d.: ANSP (Nr 5025).
DISTRIBUTION. Nearctic: USA (AZ, NM).

appendiculata (Cresson, 1911)

Pipunculus appendiculatus Cresson, 1911: 296. - T.l.: U.S.A., Vermont, Manchester. - T.d.: MCZ (Nr 13560).
Pipunculus eronis Curran, 1927: 291. - T.l.: Canada, British Columbia, Lillooet, Seton Lake. - T.d.: CNC (Nr 2421).
- Syn.: De Meyer, 1989b: 103.
DISTRIBUTION. Nearctic: Canada (BC, NB, ON, QU); USA (AZ, CA, GA, KS, NJ, NY, NC, OH, TX, VA, VT).

fairchildi Rafael, 1992

Cephalosphaera fairchildi Rafael, 1992: 640. - T.l.: Brazil, Amazonas, Manaus, university campus. - T.d.: INPA.
DISTRIBUTION. Neotropical: Brazil.

furcata (Egger, 1860)

Pipunculus furcatus Egger, 1860: 347. - T.l.: Austria (exact locality not given). - T.d.: probably NMW (Shiner's coll.).
DISTRIBUTION. Palaearctic: A, B, BG, CH, CZ, D, F, GB, H, IRE, J, LAT, N, NL, PL, R, S, SF, SLK.

germanica Aczél, 1940

Cephalosphaera germanica Aczél, 1940: 168. - T.l.: Germany "Peist" [= ?Peiss, Germany]. - T.d.: MNHU (Nr 26505).
DISTRIBUTION. Palaearctic: A, B, CZ, D, DK, GB, LAT, NL, S, SF.

gymne De Meyer & Grootaert, 1990

Cephalosphaera gymne De Meyer & Grootaert, 1990: 403. - T.l.: Papua New Guinea, Amok. - T.d.: BPBM (Nr 14819).
DISTRIBUTION. Australasian/Oceanian: PNG, Solomon Is.

hirashimai (Morakote, 1990)

Cephalops hirashimai Morakote in Morakote & Hirashima, 1990c: 187. - T.l.: Japan, Hokkaido, Ishikari, Sapporo, Hitsujigaoka. - T.d.: KUF (Nr 2728).
DISTRIBUTION. Palaearctic: J.

incomitata (Hardy, 1965)

Pipunculus Cephalosphaera incomitatus Hardy, 1965a: 204. - T.l.: Argentina, Burruyacu, Tucumán, Villa Padre Monti. - T.d.: IZML.

DISTRIBUTION. Neotropical: Argentina.

***inusitata* (Hardy, 1972)**

Pipunculus Cephalosphaera inusitatus Hardy, 1972c: 34. - T.l.: Thailand, E Thailand, Chanthaburi. - T.d.: BPBM (Nr 10246).

DISTRIBUTION. Oriental: Thailand.

***macroctenia* Rafael, 1992**

Cephalosphaera macroctenia Rafael, 1992: 641. - T.l.: Brazil, Pará, Oriximiná, Rio Trombetas, Mineração Alcoa. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

***magnispinosa* (Hardy, 1950)**

Dorilas Cephalosphaera magnispinosus Hardy, 1950a: 12. - T.l.: Zaire, Parc National Albert, Nyasheke, volc. Nyamuragira. - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Zaire.

***pacaraima* Rafael & Rosa, 1991**

Cephalosphaera pacaraima Rafael & Rosa, 1991: 338. - T.l.: Brazil, Roraima, Pacaraima. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

***panamaensis* Hardy, 1948**

Cephalosphaera panamaensis Hardy, 1948c: 8. - T.l.: Panama, Canal Zone, Barro Colorado I. - T.d.: MCZ (Nr 27704).

DISTRIBUTION. Neotropical: Dominican Rep., Jamaica, Panama.

***reducta* (De Meyer, 1989)**

Cephalops reductus De Meyer, 1989b: 108. - T.l.: Canada, Ontario, 5 mi E Ottawa, Mer Blue. - T.d.: CNC (Nr 21079).

DISTRIBUTION. Nearctic: Canada (ON).

***sapporoensis* (Morakote, 1990)**

Cephalops sapporoensis Morakote in Morakote & Hirashima, 1990c: 189. - T.l.: Japan, Hokkaido, Sapporo. - T.d.: HUS.

DISTRIBUTION. Palaearctic: J.

***tingens* (Hardy, 1972)**

Pipunculus Cephalosphaera tingens Hardy, 1972b: 129. - T.l.: Burma, NE Burma, Kambaiti. - T.d.: ZMH.

DISTRIBUTION. Oriental: Burma.

***xanthosternum* (Hardy, 1968)**

Pipunculus Cephalosphaera xanthosternum Hardy, 1968: 438. - T.l.: Papua New Guinea, Bismarck Arch., New Britain, Silanga, Nakanai Mts. - T.d.: BPBM (Nr 7823).

DISTRIBUTION. Australasian/Oceanian: PNG (Bismarck Arch.).

Subgenus *Neocephalosphaera* De Meyer, 1994

Neocephalosphaera De Meyer, 1994: 9. Type species: *Pipunculus brevis* Cresson, 1911, by original designation.

***aequatorialis* (Becker, 1919)**

Pipunculus aequatorialis Becker, 1919: 167. - T.l.: Ecuador, Aruay, Narihuina. - T.d.: MNHN.

DISTRIBUTION. Neotropical: Ecuador.

***arnaudi* Rafael, 1992**

Cephalosphaera arnaudi Rafael, 1992: 638. - T.l.: Mexico, Jalisco, Puerto Vallarta. - T.d.: CAS (Nr 15772).

DISTRIBUTION. Neotropical: Mexico.

***biscaynei* (Cresson, 1912)**

Pipunculus biscaynei Cresson, 1912: 453. - T.l.: USA, Florida, Biscayne Bay. - T.d.: ANSP (Nr 5255).

DISTRIBUTION. Nearctic: USA (FL, KS, MD, MI, NY, NC, PA, VA).

***boutropis* (Hardy, 1965)**

Pipunculus Cephalosphaera boutropis Hardy, 1965a: 201. - T.l.: Argentina, Tucumán, Burruyacu, Villa Padre Monti. - T.d.: IZML.

DISTRIBUTION. Neotropical: Argentina, Brazil.

***brevis* (Cresson, 1911)**

Pipunculus brevis Cresson, 1911: 303. - T.l.: USA, Vermont, Norwich. - T.d.: MCZ (Nr 26894).

DISTRIBUTION. Nearctic: Canada (AL, MA, ON, QU, SA); USA (AZ, CA, CO, GA, ID, IN, MN, NJ, ND, OR,

PA, TX, UT, VT).

***collarti* (Hardy, 1952)**

Dorilas Cephalosphaera collarti Hardy, 1952b: 166. - T.l.: Zaire, Mayumbe, Tibo. - T.d.: KMMA.
DISTRIBUTION. Afrotropical: Zaire, ?Zimbabwe.

***cristata* Rafael, 1992**

Cephalosphaera cristata Rafael, 1992: 640. - T.l.: Brazil, São Paulo, Boracéia Biological Station - T.d.: CAS (Nr 15773).
DISTRIBUTION. Neotropical: Brazil.

***filicera* (De Meyer, 1989)**

Cephalops filicerus De Meyer, 1989b: 106. - T.l.: Canada, British Columbia, U.B.C. Forest nr Haney, Garibaldi Pk. - T.d.: CNC (Nr 21100).
DISTRIBUTION. Nearctic: Canada (BC); USA (WA).

***jamaicensis* (Johnson, 1919)**

Pipunculus jamaicensis Johnson, 1919: 433. - T.l.: Jamaica, Liguanea Plain, nr Kingston. - T.d.: MCZ (7672).
DISTRIBUTION. Neotropical: Jamaica.

***maxima* Hardy, 1943**

Cephalosphaera maxima Hardy, 1943: 50. - T.l.: USA, Arizona, Chiricahua Mts. - T.d.: SEM (Nr 3133).
DISTRIBUTION. Nearctic: USA (AZ).

***miriamae* Rafael, 1992**

Cephalosphaera miriamae Rafael, 1992: 643. - T.l.: Brazil, Paraná, Terra Boa. - T.d.: INPA.
DISTRIBUTION. Neotropical: Brazil.

***mocaensis* (Hardy, 1948)**

Dorilas Cephalosphaera mocaensis Hardy, 1948b: 127. - T.l.: Dominican Republic, Moca, Guatalon. - T.d.: AMNH.
DISTRIBUTION. Neotropical: Dominican Rep., Mexico.

***pallidifemoralis* (Hardy, 1952)**

Dorilas Cephalosphaera pallidifemoralis Hardy, 1952c: 4. - T.l.: Zaire, Batama. - T.d.: KBIN.
DISTRIBUTION. Afrotropical: Zaire.

***patula* (Hardy, 1972)**

Pipunculus Cephalosphaera patulus Hardy, 1972c: 35. - T.l.: Philippines, Catbalogan, Samar. - T.d.: ZMH.
DISTRIBUTION. Oriental: Philippines, Sulawesi.

***santiagoensis* Rafael, 1992**

Cephalosphaera santiagoensis Rafael, 1992: 645. - T.l.: Chile, Santiago, Quebrada de la Plata, nr Maipú, 33°30'S-70°55'W. - T.d.: CAS (Nr 15774).
DISTRIBUTION. Neotropical: Chile.

***semispiralis* Rafael & Rosa, 1991**

Cephalosphaera semispiralis Rafael & Rosa, 1991: 339. - T.l.: Brazil, Roraima, Serra Pacaraima. - T.d.: INPA.
DISTRIBUTION. Neotropical: Brazil.

***sylvana* (Brunetti, 1927)**

Pipunculus sylvanus Brunetti, 1927: 304. - T.l.: Malaysia, Pahang, Kuala Teku jungle. - T.d.: NHM.
DISTRIBUTION. Oriental: Malaysia.

***vietnamensis* (Hardy, 1972)**

Pipunculus Cephalosphaera vietnamensis Hardy, 1972c: 37. - T.l.: Vietnam, Dalat. - T.d.: BPBM (Nr 10247).
DISTRIBUTION. Oriental: Vietnam.

***wauensis* De Meyer & Grootaert, 1990**

Cephalosphaera wauensis De Meyer & Grootaert, 1990: 405. - T.l.: Papua New Guinea, NE New Guinea, Morobe Distr., Wau. - T.d.: BPBM (Nr 14821).
DISTRIBUTION. Australasian/Oceanian: PNG.

Subgenerically unplaced

***amboinalis* (Walker, 1860)**

Pipunculus amboinalis Walker, 1860: 150. - T.l.: Indonesia, Maluku, Ambon. - T.d.: NHM.
DISTRIBUTION. Australasian/Oceanian: Ambon.

***hikosanus* (Morakote, 1990)**

Cephalops hikosanus Morakote in Morakote & Hirashima, 1990c: 188. - T.l.: Japan, Kyushu, Fukuoka Pref., Mt Hikosan. - T.d.: KUF (Nr 2729).
DISTRIBUTION. Palaearctic: J.

***honshuensis* (Morakote, 1990)**

Cephalops honshuensis Morakote in Morakote & Hirashima, 1990c: 189. - T.l.: Japan, Honshu. - T.d.: HUS.
DISTRIBUTION. Palaearctic: J.

***immodica* De Meyer & Grootaert, 1990**

Cephalosphaera immodica De Meyer & Grootaert, 1990: 404. - T.l.: Papua New Guinea, NE New Guinea, Morobe Distr., Wau. - T.d.: BPBM (Nr 14820).
DISTRIBUTION. Australasian/Oceanian: PNG.

***kasparjani* (Kuznetzov, 1990)**

Cephalops kasparjani Kuznetzov, 1990a: 26. - T.l.: Russia, S Primorskiy Terr., Ussuriysk, Gorno-Tajozhnaja station. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

***motichoorensis* (Kapoor, Grewal & Sharma, 1987)**

Pipunculus Cephalosphaera motichoorensis Kapoor, Grewal & Sharma, 1987: 140. - T.l.: India, Uttar Pradesh, Motichoor. - T.d.: NPC.
DISTRIBUTION. Oriental: India.

***prolata* (Kertész, 1915)**

Dorylas prolatus Kertész, 1915: 386 (n.n. for *appendiculatus* Brunetti). - T.l.: India, Assam, Margherita. - T.d.: ZSI (Nr 697/9).
Pipunculus appendiculatus Brunetti, 1912: 485. [Preocc. Cresson, 1911]
DISTRIBUTION. Oriental: India.

***redunda* (Hardy, 1972)**

Pipunculus Cephalosphaera redundus Hardy, 1972b: 129. - T.l.: Burma, NE Burma, Kambaiti. - T.d.: ZMH.
DISTRIBUTION. Oriental: Burma.

Tribe MICROCEPHALOPSINI

***Collinias* Aczél, 1940**

Collinias Aczél, 1940: 151. Type species: *Pipunculus heterostigmus* Perkins, 1905, by original designation.

***heterostigmus* (Perkins, 1905)**

Pipunculus heterostigmus Perkins, 1905: 149. - T.l.: Australia, Queensland, nr Cairns, Redlynch. - T.d.: BPBM (Nr 4205, lectotype designated by Hardy, 1964a).
DISTRIBUTION. Australasian/Oceanian: Australia. Oriental: Philippines, Vietnam.

***leechi* (Hardy, 1972)**

Pipunculus Cephalops leechi Hardy, 1972c: 19. - T.l.: Laos, Ban Theuong, 18km NW Xieng Khouang. - T.d.: BPBM (Nr 10241).
DISTRIBUTION. Oriental: Laos.

***limitaris* (Collin, 1929)**

Pipunculus limitaris Collin, 1929: 185. - T.l.: American Samoa. - T.d.: BPBM (Nr 2370).
DISTRIBUTION. Australasian/Oceanian: American Samoa.

***vitiensis* (Muir, 1906)**

Pipunculus vitiensis Muir, 1906: 10. - T.l.: Fiji, Rewa. - T.d.: BPBM (Nr 4218).
DISTRIBUTION. Australasian/Oceanian: Fiji, Niue.

***Microcephalops* De Meyer, 1989**

Microcephalops De Meyer, 1989b: 120. Type species: *Pipunculus banksi* Aczél, 1940, by original designation.

***adunatus* (Hardy, 1972)**

Pipunculus Cephalops adunatus Hardy, 1972c: 11. - T.l.: Borneo, N Borneo, Forest Camp 19km N Kalabakan. - T.d.: BPBM (Nr 10239).

DISTRIBUTION. Oriental: Borneo, Vietnam.

***angustifacies* (Hardy, 1949)**

Dorilas Dorilas angustifacies Hardy, 1949b: 20. - T.I.: South Africa, Cape Prov., Somerset E. - T.d.: NHM.

DISTRIBUTION. Afrotrropical: Ghana, Kenya, Madagascar, Rwanda, South Africa, Tanzania, Uganda, Zaire.

***anthracias* (Perkins, 1905)**

Pipunculus anthracias Perkins, 1905: 146. - T.I.: Australia, Queensland, nr Cairns, Kurandà. - T.d.: BPBM (Nr 4192).

Pipunculus cypsicthalcus Perkins, 1905: 146. - T.I.: Australia, Queensland, nr Cairns, Kuranda. - T.d.: BPBM (Nr 4197). - Syn.: Hardy, 1964a: 88.

DISTRIBUTION. Australasian/Oceanian: Australia.

***banksi* (Aczél, 1940)**

Pipunculus banksi Aczél, 1940: 152 (n.n. for *terminalis* Banks). - T.I.: USA, Virginia, Falls Church & Great Falls. - T.d.: MCZ (Nr 13556, 4 syntypes, all from Falls Church; whereabouts sytype(s) from Great Falls unknown).

Pipunculus terminalis Banks, 1915: 168. [Preocc. Thomson, 1870]

DISTRIBUTION. Nearctic: Canada (BC, MA); USA (CO, GA, ID, MD, MT, NC, NY, OH, TN, VA, WA).

***borneensis* (Hardy, 1972)**

Pipunculus Cephalops borneensis Hardy, 1972c: 14. - T.I.: Borneo, N Borneo, Bettogan, nr Sandakan. - T.d.: NHM.

DISTRIBUTION. Oriental: Borneo.

***brevicornis* (Loew, 1858)**

Pipunculus brevicornis Loew, 1858: 374 [1860: 353]. - T.I.: South Africa "Caffraria". - T.d.: NRS.

DISTRIBUTION. Afrotrropical: Kenya, Malawi, Nigeria, South Africa, Tanzania, Zaire.

***conspectus* (Hardy, 1949)**

Dorilas Dorilas conspectus Hardy, 1949b: 27. - T.I.: Ghana, Ashanti. - T.d.: NHM.

DISTRIBUTION. Afrotrropical: Ghana, Madagascar, Malawi, Nigeria, Zaire.

***damasi* (Hardy, 1950)**

Dorilas Dorilas damasi Hardy, 1950a: 17. - T.I.: Zaire, Kishale, Lake Mokoto. - T.d.: KMMA.

DISTRIBUTION. Afrotrropical: Burundi, Malawi, Rwanda, Zaire.

***dolosus* (Hardy, 1972)**

Pipunculus Cephalops dolosus Hardy, 1972b: 125. - T.I.: Burma, NE Burma, Kambaiti. - T.d.: NRS.

DISTRIBUTION. Oriental: Borneo, Burma, Vietnam.

***exsertus* (Hardy, 1966)**

Pipunculus Pipunculus exsertus Hardy, 1966b: 445. - T.I.: Nepal, E Nepal, Taplejung Distr., betw. Sangu and Tamrang. - T.d.: NHM.

DISTRIBUTION. Oriental: Nepal.

***fimbriatus* (Hardy, 1972)**

Pipunculus Cephalops fimbriatus Hardy, 1972b: 125. - T.I.: Burma, NE Burma, Kambaiti. - T.d.: NRS.

DISTRIBUTION. Oriental: Burma.

***floridae* De Meyer, 1989**

Microcephalops floridae De Meyer, 1989b: 123. - T.I.: USA, Florida, Orange Park. - T.d.: CNC (Nr 21103).

DISTRIBUTION. Nearctic: USA (FL).

***griseus* De Meyer, 1989**

Microcephalops griseus De Meyer, 1989b: 122. - T.I.: USA, Arizona, Huachuca Mts, Sunnyside Canyon. - T.d.: SEM (Nr 8013).

DISTRIBUTION. Nearctic: USA (AZ).

***homoeophanes* (Perkins, 1905)**

Pipunculus homoeophanes Perkins, 1905: 148. - T.I.: Australia, Queensland, nr Cairns, Kuranda. - T.d.: BPBM (Nr 4206).

DISTRIBUTION. Australasian/Oceanian: Australia.

***inermus* (Hardy, 1954)**

Dorilas Eudorylas inermus Hardy, 1954a: 26. - T.I.: Brazil, Minas Gerais, Cambuquira. - T.d.: MNRJ.

Dorilas Dorilas plaumanni Hardy, 1954b: 121. - T.I.: Brazil, Santa Catarina, Nova Teutônia. - T.d.: IZML. - Syn.: Rafael, 1991a: 371.

DISTRIBUTION. Neotropical: Brazil.

***kurseongeniensis* (Kapoor, Grewal & Sharma, 1987)**

Pipunculus Cephalops kurseongeniensis Kapoor, Grewal & Sharma, 1987: 128. - T.I.: India, W Bengal, Kurseong. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

***latifrons* (Hardy, 1948)**

Dorilas Dorilas latifrons Hardy, 1948c: 1. - T.l.: Jamaica, Whitfield Hall, Blue Mts. - T.d.: MCZ (Nr 27700).

DISTRIBUTION. Neotropical: Dominican Rep., Jamaica.

***microdes* (Perkins, 1905)**

Pipunculus microdes Perkins, 1905: 147. - T.l.: Australia, Queensland, nr Cairns, Kuranda. - T.d.: BPBM (Nr 4211).

DISTRIBUTION. Australasian/Oceanian: Australia. Oriental: Borneo, Philippines, Thailand, Vietnam.

***parafloridae* De Meyer, 1989**

Microcephalops parafloridae De Meyer, 1989b: 124. - T.l.: USA, North Carolina, Highlands. - T.d.: CNC (Nr 21102).

DISTRIBUTION. Nearctic: USA (GA, NC).

***ravilateralis* (Hardy, 1965)**

Pipunculus Pipunculus ravilateralis Hardy, 1965a: 234. - T.l.: Argentina, Tucumán, Burruyacu, Villa Padre Monti. - T.d.: IZML.

DISTRIBUTION. Neotropical: Argentina.

***rufopictus* (Hardy, 1962)**

Pipunculus Pipunculus rufopictus Hardy, 1962a: 260. - T.l.: Zimbabwe, Mt Selinda, Chirinda forest. - T.d.: NMP (Nr 1007).

DISTRIBUTION. Afrotropical: Cameroon, Malawi, Mozambique, South Africa, Zaire, Zimbabwe.

***spenceri* (Hardy, 1972)**

Pipunculus Cephalops spenceri Hardy, 1972c: 29. - T.l.: Vietnam, Fyang. - T.d.: BPBM (Nr 10245).

DISTRIBUTION. Oriental: Vietnam.

***stenopsis* (Hardy, 1959)**

Dorilas Dorilas stenopsis Hardy, 1959a: 393. - T.l.: South Africa, Natal, Royal Natal National Park. - T.d.: ZML (Nr 2122).

DISTRIBUTION. Afrotropical: Burundi, Kenya, Rwanda, South Africa, Swaziland, Tanzania, Zaire, Zimbabwe.

***subaeneus* (Brunetti, 1923)**

Pipunculus subaeneus Brunetti, 1923: 12. - T.l.: India, Assam, Khasi Hills. - T.d.: NHM.

DISTRIBUTION. Oriental: Hainan I., India.

***subdolosus* (Kapoor, Grewal & Sharma, 1987)**

Pipunculus Cephalops subdolosus Kapoor, Grewal & Sharma, 1987: 136. - T.l.: India, Uttar Pradesh, Bhowali nr Naini Tal. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

***transversalis* (Rafael, 1991)**

Cephalops transversalis Rafael, 1991a: 373. - T.l.: Brazil, São Paulo, Barueri. - T.d.: MZSP.

DISTRIBUTION. Neotropical: Brazil.

***vestitus* (Becker, 1900)**

Pipunculus vestitus Becker, 1900: 230. - T.l.: Poland, "Moisdorfer Grund bei Jauer in Schlesien" [=Jawor, according to Tanasijtshuk, 1988]. - T.d.: MNHU (two syntypes under Nr 46224, two syntypes under Nr 46577).

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, GB, LAT, NK, NL, PL.

***williamsi* (Hardy, 1954)**

Dorilas Dorilas williamsi Hardy, 1954a: 54. - T.l.: Brazil, Rio de Janeiro, Rezende. - T.d.: USNM.

DISTRIBUTION. Neotropical: Dominica, Dominican Rep., Brazil, Peru.

Tribe EUDORYLINI

***Allomethus* Hardy, 1943**

Allomethus Hardy, 1943: 128. Type species: *Allomethus brimleyi* Hardy, 1943, by original designation.

***brimleyi* Hardy, 1943**

Allomethus brimleyi Hardy, 1943: 128. - T.l.: USA, North Carolina, Raleigh. - T.d.: SEM (Nr 3188).

DISTRIBUTION. Nearctic: USA (NC).

***catharinensis* Rafael, 1990**

Allomethus catharinensis Rafael, 1990b: 813. - T.l.: Brazil, Santa Catarina, Nova Teutônia. - T.d.: MZSP.

DISTRIBUTION. Neotropical: Brazil.

mysticus Rapp, 1943

Allomethus mysticus Rapp, 1943b: 223. - T.l.: Canada, Quebec, St Placide. - T.d.: ANSP (Nr 6675).
DISTRIBUTION. Nearctic: Canada (QU).

rotundicornis (Hardy, 1954)

Dorilas Eudorylas rotundicornis Hardy, 1954a: 41. - T.l.: Brazil, Rio de Janeiro. - T.d.: MNRJ.
DISTRIBUTION. Neotropical: Brazil.

Amazunculus Rafael, 1986

Amazunculus Rafael, 1986b: 16. Type species: *Dorilas Eudorylas platypodus* Hardy, 1950b, by original designation.

besti Rafael, 1986

Amazunculus besti Rafael, 1986b: 17. - T.l.: Brazil, Amazonas, Rio Japurá, Lago Amanã. - T.d.: INPA.
DISTRIBUTION. Neotropical: Brazil.

claripennis Rafael & Rosa, 1991

Amazunculus claripennis Rafael & Rosa, 1991: 343. - T.l.: Brazil, Roraima, Rio Uracicoera, Maracá I. - T.d.: INPA.
DISTRIBUTION. Neotropical: Brazil.

platypodus (Hardy, 1950)

Dorilas Eudorylas platypodus Hardy, 1950b: 442. - T.l.: Brazil, "Amazon 66-53". - T.d.: NHM.
DISTRIBUTION. Neotropical: Brazil.

Basileunculus Rafael, 1987

Basileunculus Rafael, 1987a: 627. Type species: *Pipunculus rex* Curran, 1934a, by original designation.

aliceae Rafael, 1987

Basileunculus aliceae Rafael, 1987a: 630. - T.l.: Brazil, Paraná, Curitiba. - T.d.: UFDP.
DISTRIBUTION. Neotropical: Dominican Rep., Brazil.

interruptus (Malloch, 1912)

Pipunculus interruptus Malloch, 1912: 1. - T.l.: Panama, Taboga I.. - T.d.: USNM (Nr 15119).
DISTRIBUTION. Neotropical: Brazil, El Salvador, Panama.

rex (Curran, 1934)

Pipunculus rex Curran, 1934a: 416. - T.l.: British Guiana, Bártila, Kartabo. - T.d.: AMNH.
DISTRIBUTION. Neotropical: British Guiana, Brazil.

Claraeola Aczél, 1940

Claraeola Aczél, 1940: 151. Type species: *Dorylas adventitius* Kertész, 1912, by original designation.

adventitia (Kertész, 1912)

Dorylas adventitius [sic] Kertész, 1912: 292. - T.l.: Taiwan, Koshun. - T.d.: TMB (coll. Sauter, 2 syntypes;
confirmed by Kozánek in letter of 28.XI.1993).
DISTRIBUTION. Oriental: Taiwan.

anorhaebus (Hardy, 1968)

Pipunculus Cephalosphaera anorhaebus Hardy, 1968: 436. - T.l.: Papua New Guinea, Bismarck Arch., New Britain,
Komgi. - T.d.: ZMK.
DISTRIBUTION. Australasian/Oceanian: PNG (Bismarck Arch).

crassula Shatalkin, 1981

Claraeola crassula Shatalkin, 1981: 791. - T.l.: Russia, Amur Reg., env. Zeya. - T.d.: ZMM.
DISTRIBUTION. Palaearctic: RUS.

***francoisi* (Hardy, 1952)**

Dorilas Cephalosphaera francoisi Hardy, 1952c: 3. - T.l.: Burundi, Rumonge. - T.d.: KBIN.
DISTRIBUTION. Afrotropical: Burundi.

***freyi* (Hardy, 1972)**

Pipunculus Claraeola freyi Hardy, 1972c: 39. - T.l.: Philippines, Samar, Catbalogan. - T.d.: ZMH.
DISTRIBUTION. Oriental: Philippines.

***Congomyia* Hardy, 1949**

Congomyia Hardy, 1949c: 7. Type species: *Congomyia nigripennis* Hardy, 1949c, by original designation.

***nigripennis* Hardy, 1949**

Congomyia nigripennis Hardy, 1949c: 7. - T.l.: Zaire, Eala. - T.d.: KBIN.
DISTRIBUTION. Afrotropical: Zaire.

***Elmohardyia* Rafael, 1987**

Elmohardyia Rafael, 1987b: 37. Type species: *Pipunculus doelloi* Shannon, 1927, by original designation.

***amazona* (Hardy, 1950)**

Dorilas Eudorylas amazonus Hardy, 1950b: 433. - T.l.: Brazil, "Amazon 66-53". - T.d.: NHM.
DISTRIBUTION. Neotropical: Brazil.

***angustifrons* (Becker, 1900)**

Pipunculus angustifrons Becker, 1900: 246. - T.l.: Peru, Cuzco, Callanga. - T.d.: TMB (confirmed by Kozánek in letter of 28.XI.1993).
DISTRIBUTION. Neotropical: Peru.

***argentata* (Hardy, 1954)**

Dorilas Eudorylas argentatus Hardy, 1954a: 17. - T.l.: Brazil, Mato Grosso do Sul, Salobra. - T.d.: MNRJ.
DISTRIBUTION. Neotropical: Brazil.

***argentocincta* Rafael, 1988**

Elmohardyia argentocincta Rafael, 1988a: 227. - T.l.: Peru, Huánuco, Tingo María, Monsón Valley. - T.d.: CAS (Nr 15775).
DISTRIBUTION. Neotropical: Peru.

***argyrogaster* Rafael, 1988**

Elmohardyia argyrogaster Rafael, 1988a: 228. - T.l.: Peru, Huánuco, Tingo María, Monsón Valley. - T.d.: CAS (Nr 15776).
DISTRIBUTION. Neotropical: Brazil, Peru.

***arnaudi* Rafael, 1988**

Elmohardyia arnaudi Rafael, 1988a: 229. - T.l.: Mexico, Jalisco, Puerto Vallarta. - T.d.: CAS (Nr 15777).
DISTRIBUTION. Neotropical: Costa Rica, Mexico. Nearctic: USA (AZ, TX).

***arx* Rafael, 1988**

Elmohardyia arx Rafael, 1988a: 230. - T.l.: Peru, Huánuco, 10mi SW Las Palmas. - T.d.: CAS (Nr 15778).
DISTRIBUTION. Neotropical: Peru.

***atlantica* (Hough, 1901)**

Pipunculus atlanticus Hough, 1901: 80. - T.l.: USA, Massachusetts, New Bedford & Pennsylvania, Montgomery Co.. - T.d.: MCZ (Nr 7671, 1 syntype from Montgomery, largely destroyed) and probably FMC (remaining syntypes?).
DISTRIBUTION. Nearctic: Canada (AL, ON, QU); USA (AZ, CA, CO, CT, FL, IL, KS, MA, ME, MI, MN, NC, NH, NJ, NY, OH, PA, RI, SD, TX, UT, VA).

***carrerai* (Hardy, 1950)**

Dorilas Eudorylas carrerai Hardy, 1950b: 434. - T.l.: Brazil, São Paulo, Cidade Jardim. - T.d.: MZSP.
DISTRIBUTION. Neotropical: Brazil.

circulus Rafael, 1988

Elmohardyia circulus Rafael, 1988a: 232. - T.I.: Brazil, Paraná, Terra Boa. - T.d.: INPA.
DISTRIBUTION. Neotropical: Brazil.

congruens (Hardy, 1950)

Dorilas Eudorylas congruens Hardy, 1950b: 437. - T.I.: Brazil, São Paulo, Cantareira. - T.d.: MZSP.
Pipunculus Eudorylas attenuatus Hardy, 1965b: 29. - T.I.: Brazil, Rio de Janeiro, Itatiaia, Maromba. - T.d.: MZSP. -
Syn.: Rafael, 1987b: 38.
DISTRIBUTION. Neotropical: Brazil.

denigrata Rafael, 1988

Elmohardyia denigrata Rafael, 1988a: 234. - T.I.: Chile, Nuble, Las Trancas. - T.d.: LEP.
DISTRIBUTION. Chile.

doelloi (Shannon, 1927)

Pipunculus doelloi Shannon, 1927: 37. - T.I.: Argentina, Tucumán, Tafí Viejo. - T.d.: USNM (Nr 40818).
DISTRIBUTION. Neotropical: Argentina.

eminula (Hardy, 1965)

Pipunculus Eudorylas eminulus Hardy, 1965b: 36. - T.I.: Brazil, Minas Gerais, Arceburgo, Fazenda Fortaleza. - T.d.:
MZSP.
DISTRIBUTION. Neotropical: Brazil.

exserta (Hardy, 1965)

Pipunculus Eudorylas exsertus Hardy, 1965b: 38. - T.I.: Brazil, Rio de Janeiro, Itatiaia, Maromba. - T.d.: MZSP.
DISTRIBUTION. Neotropical: Brazil.

gowdeyi (Curran, 1928)

Pipunculus gowdeyi Curran, 1928a: 36. - T.I.: Jamaica, Cinchona. - T.d.: NHM.
DISTRIBUTION. Neotropical: British Guiana, Costa Rica, Jamaica.

guimaraesi Rafael, 1988

Elmohardyia guimaraesi Rafael, 1988a: 239. - T.I.: Brazil, Santa Catarina, Nova Teutônia. - T.d.: MZSP.
DISTRIBUTION. Neotropical: Brazil.

inepta (Hardy, 1954)

Dorilas Eudorylas ineptus Hardy, 1954a: 24. - T.I.: Brazil, Guanabara, Rio de Janeiro, Grajaú. - T.d.: MNRJ.
DISTRIBUTION. Neotropical: Brazil.

lanei (Hardy, 1965)

Pipunculus Eudorylas lanei Hardy, 1965b: 40. - T.I.: Brazil, Amapá, Serra do Navio. - T.d.: MZSP.
ssp. *lanei* s.str.
DISTRIBUTION. Neotropical: Brazil.

ssp. *australis* Rafael, 1988

Elmohardyia lanei australis Rafael, 1988a: 242. - T.I.: Brazil, Paraná, Curitiba. - T.d.: INPA.
DISTRIBUTION. Neotropical: Brazil.

lindneri (Collin, 1931)

Pipunculus lindneri Collin, 1931b: 174. - T.I.: Bolivia, Tarija, Villa Montes. - T.d.: NHM (lectotype, designated by
Rafael, 1987b).
Pipunculus Eudorylas discanthus Hardy, 1965b: 33. - T.I.: Brazil, São Paulo, Barueri. - T.d.: MZSP. - Syn.: Rafael,
1987b: 38.
DISTRIBUTION. Neotropical: Argentina, Bolivia, Brazil.

merga Rafael, 1988

Elmohardyia merga Rafael, 1988a: 244. - T.I.: Peru, Huánuco, Tingo María, Monsón Valley. - T.d.: CAS (Nr
15779).
DISTRIBUTION. Neotropical: Peru.

papaveroi Rafael, 1988

Elmohardyia papaveroi Rafael, 1988a: 244. - T.I.: Brazil, Pará, Maloquinha, nr Itaituba. - T.d.: MZSP.
DISTRIBUTION. Neotropical: Brazil, Peru.

praecipua Rafael & Rosa, 1991

Elmohardyia praecipua Rafael & Rosa, 1991: 341. - T.I.: Brazil, Roraima, Rio Uraricoera, Maracá I. - T.d.: INPA.
DISTRIBUTION. Neotropical: Brazil.

replicata (Hardy, 1948)

Dorilas Eudorylas replicatus Hardy, 1948c: 2. - T.I.: Panama, Canal Zone, Barro Colorado I. - T.d.: MCZ (Nr
27711).
DISTRIBUTION. Neotropical: Brazil, Panama.

***reversa* Rafael, 1988**

Elmohardyia reversa Rafael, 1988a: 247. - T.I.: Brazil, Santa Catarina, Nova Teutônia. - T.d.: MZSP.
DISTRIBUTION. Neotropical: Brazil.

***roraimensis* Rafael & Rosa, 1991**

Elmohardyia roraimensis Rafael & Rosa, 1991: 342. - T.I.: Brazil, Roraima, Rio Uraricoera, Maracá I. - T.d.: INPA.
DISTRIBUTION. Neotropical: Brazil.

***scoliostylis* (Hardy, 1965)**

Pipunculus Eudorylas scoliostylis Hardy, 1965b: 48. - T.I.: Brazil, São Paulo, Barueri. - T.d.: MZSP.
DISTRIBUTION. Neotropical: Brazil.

***spatulata* Rafael, 1988**

Elmohardyia spatulata Rafael, 1988a: 249. - T.I.: Brazil, Paraná, Terra Boa. - T.d.: INPA.
DISTRIBUTION. Neotropical: Brazil.

***spuria* Rafael, 1988**

Elmohardyia spuria Rafael, 1988a: 250. - T.I.: Brazil, Rio de Janeiro, Grajaú. - T.d.: MNRJ.
DISTRIBUTION. Neotropical: Brazil.

***subnitella* (Hardy, 1965)**

Pipunculus Eudorylas subnitellus Hardy, 1965b: 53. - T.I.: Brazil, Minas Gerais, Arceburgo, Fazenda Fortaleza. - T.d.: MZSP.

DISTRIBUTION. Neotropical: Brazil.

***tingomariae* Rafael, 1988**

Elmohardyia tingomariae Rafael, 1988a: 251. - T.I.: Peru, Huánuco, Tingo Maria, Monsón Valley. - T.d.: CAS (Nr 15780).

DISTRIBUTION. Neotropical: Peru.

***trinidadensis* (Hardy, 1948)**

Dorilas Eudorylas trinidadensis Hardy, 1948c: 7. - T.I.: Trinidad, Port of Spain. - T.d.: MCZ (Nr 27703).
DISTRIBUTION. Neotropical: Brazil, Trinidad.

***tuberosa* Rafael, 1988**

Elmohardyia tuberosa Rafael, 1988a: 253. - T.I.: Panama, Canal Zone, Barro Colorado I. - T.d.: USNM (as paratype of *replicata* Hardy).

DISTRIBUTION. Neotropical: Panama.

***Eudorylas* Aczél, 1940**

Eudorylas Aczél, 1940: 151. Type species: *Cephalops opacus* Fallén, 1816, by original designation.

***abdominalis* (Loew, 1858)**

Pipunculus abdominalis Loew, 1858: 374 [1860: 354]. - T.I.: South Africa, "Caffraria". - T.d.: NRS.
DISTRIBUTION. Afrotropical: Burundi, Madagascar, Ruanda, South Africa, Tanzania, Uganda, Zaire, Zimbabwe.

***aberratus* (Hardy & Knowlton, 1939)**

Pipunculus aberratus Hardy & Knowlton, 1939a: 87. - T.I.: USA, Utah, Bluffdale. - T.d.: USAC.
DISTRIBUTION. Nearctic: USA (NV, UT).

***ablus* (Hardy, 1954)**

Dorilas Eudorylas ablus Hardy, 1954a: 12. - T.I.: Brazil, Guanabara, Rio de Janeiro, Grajahu. - T.d.: MNRJ.
DISTRIBUTION. Neotropical: Brazil.

***abnorexitus* Morakote & Yano, 1990**

Eudorylas abnorexitus Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 302. - T.I.: Japan, Honshu, Fukushima Pref., Mt Abukuma, Iitatemura. - T.d.: KUF (Nr 2753).
DISTRIBUTION. Palaearctic: J.

***abruptus* (Hardy, 1952)**

Dorilas Eudorylas abruptus Hardy, 1952c: 7. - T.I.: Burundi, Rumonge. - T.d.: KBIN.
DISTRIBUTION. Afrotropical: Burundi, South Africa, Zaire.

***accedens* (Hardy, 1954)**

Dorilas Eudorylas accedens Hardy, 1954a: 15. - T.I.: Brazil, Guanabara, Rio de Janeiro, Paineiras. - T.d.: MNRJ.
DISTRIBUTION. Neotropical: Brazil.

***acroacanthus* (Hardy, 1968)**

Pipunculus Eudorylas acroacanthus Hardy, 1968: 439. - T.I.: Papua New Guinea, Bismarck Arch., New Ireland,

Lemkamjn. - T.d.: ZMK.

DISTRIBUTION. Australasian/Oceanian: PNG (Bismarck Arch.). Oriental: India.

***acroapex* (Hardy, 1962)**

Pipunculus Eudorylas acroapex Hardy, 1962b: 252. - T.l.: Madagascar, W Madagascar, Sakaraha. - T.d.: NMB. -
DISTRIBUTION. Afro tropical: Madagascar.

***aculeatus* (Loew, 1858)**

Pipunculus aculeatus Loew, 1858: 375 [1860: 355]. - T.l.: South Africa, "Caffraria". - T.d.: NRS.
DISTRIBUTION. Afro tropical: S Africa.

***adunatus* (Hardy, 1965)**

Pipunculus Eudorylas adunatus Hardy, 1965b: 26. - T.l.: Brazil, São Paulo, Vera Cruz, Fazenda Santa Rosa. - T.d.: MZSP.
DISTRIBUTION. Neotropical: Brazil, Peru.

***aduncus* (Dunk, 1995)**

Eudorylas aduncus Dunk, 1995: 122. - T.l.: Germany, N Bavaria, Oberpfalz, nr Berching at the Rhine-Main-Danube
Canal. - T.d.: DUNH.
DISTRIBUTION. Palaearctic: D.

***aemulus* (Hardy, 1949)**

Dorilas Eudorylas aemulus Hardy, 1949b: 16. - T.l.: South Africa, Cape Prov., Mossel Bay. - T.d.: NHM.
DISTRIBUTION. Afro tropical: Nigeria, S Africa.

***aequus* (Cresson, 1911)**

Pipunculus aequus Cresson, 1911: 292. - T.l.: USA, Massachusetts, Hyannisport. - T.d.: MCZ (Nr 13567).
ssp. *aequus* s.str.

Pipunculus aequus var. *longipes* Hardy & Knowlton, 1939a: 88. - T.l.: USA, Utah, Logan Canyon. - T.d.: USAC. -
Syn.: Hardy, 1965c: 553.
DISTRIBUTION. Nearctic: USA (IL, KS, MA, ME, MD, MI, NC, NH, NJ, NY, RI, TX, UT, VA, VT); Canada
(ON, QU).

ssp. *argyofrons* (Hardy & Knowlton, 1939)

Pipunculus aequus var. *argyofrons* Hardy & Knowlton, 1939a: 87. - T.l.: USA, Utah, Logan Canyon. - T.d.: USAC.
Allomethus oleous Rapp, 1943b: 223. - T.l.: USA, California, Montara Mt Canyon. - T.d.: ANSP (Nr 6674). Original
description mentions 2 males and 1 female; according to Cresson in Hardy, 1947 2 females in collection, one labelled
'type', other labeled 'allotype'; male specimens not found. This is confirmed by J. Gelhaus in Azuma (letter of
17.VIII.1993)). - Syn.: Hardy, 1947: 146.
DISTRIBUTION. Nearctic: USA (KS, NC, UT).

***aethiopicus* (Hardy, 1949)**

Dorilas Eudorylas aethiopicus Hardy, 1949b: 17. - T.l.: Kenya, Naivasha. - T.d.: NHM.
DISTRIBUTION. Afro tropical: Kenya, S Africa.

***affinis* (Cresson, 1911)**

Pipunculus affinis Cresson, 1911: 283. - T.l.: Canada, Quebec, Cottage Beaulieu. - T.d.: MCZ (Nr 13559).

Pipunculus globosus Cresson, 1912: 453. - T.l.: USA, Rhode I., Buttonwoods. - T.d.: MCZ (Nr 26895). - Syn.:
Hardy, 1943: 67.
DISTRIBUTION. Nearctic: Canada (AL, BC, NS, ON, QU); USA (AZ, CA, CO, IA, IL, KS, MA, MI, MN, MO,
NC, ND, NH, NJ, NM, NV, NY, OH, OK, PA, UT, VA, WY).

***albinervis* Kuznetzov, 1990**

Eudorylas albinervis Kuznetzov, 1990a: 48. - T.l.: Russia, S Primorskiy Terr., Kedrovaja Padj reserve. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

***albucus* (Hardy, 1968)**

Pipunculus Eudorylas albucus Hardy, 1968: 441. - T.l.: Papua New Guinea, Bismarck Arch., New Ireland,
Lemkamjn. - T.d.: ZMK.
DISTRIBUTION. Australasian/Oceanian: PNG (Bismarck Arch.). Oriental: Borneo, India.

***alternatus* (Cresson, 1911)**

Pipunculus alternatus Cresson, 1911: 286. - T.l.: USA, New Mexico, Cloudcroft. - T.d.: ANSP (Nr 5024).
DISTRIBUTION. Nearctic: USA (AZ, NM).

***amitinus* (Hardy, 1962)**

Pipunculus Eudorylas amitinus Hardy, 1962b: 253. - T.l.: Madagascar, C Madagascar, Anjavidilava, Andringitra
Ambalavao. - T.d.: NMP.
DISTRIBUTION. Afro tropical: Madagascar.

***amurensis* Kuznetzov, 1990**

Eudorylas amurensis Kuznetzov, 1990a: 34. - T.l.: Russia, Amur Reg., Klimoutzi, 40 km W Svobodnogo. - T.d.:
ZISP.

DISTRIBUTION. Palaearctic: RUS.

***amuscarium* (Hardy, 1959)**

Dorilas Eudorylas amuscarium Hardy, 1959a: 398. - T.l.: South Africa, Cape Prov., Hout Bay, Skoorsteenkop. - T.d.: ZML (Nr 2124).

DISTRIBUTION. Afrotropical: South Africa.

***andinus* Rafael, 1991**

Eudorylas andinus Rafael, 1991b: 153. - T.l.: Peru, Huánuco, Monson Valley, Tingo Maria. - T.d.: CAS (Nr 15781).
DISTRIBUTION. Neotropical: Peru.

***angustimembranus* Kozánek & Kwon, 1991**

Eudorylas angustimembranus Kozánek & Kwon, 1991b: 157. - T.l.: North Korea, P'yongbuk Prov., Tokkol Valley, 10 km W Hyangsan. - T.d.: SNMB.

DISTRIBUTION. Palaearctic: MO, NK.

***angustipennis* (Kertész, 1903)**

Pipunculus angustipennis Kertész, 1903: 470. - T.l.: Sri Lanka, Colombo. - T.d.: unknown (not in TMB, according to Dely-Draskovits, letter of 29.XI.1993).

DISTRIBUTION. Oriental: Sri Lanka.

***angustus* (Hardy, 1952)**

Dorilas Eudorylas angustus Hardy, 1952c: 8. - T.l.: Burundi, Bururi, Sikuvayaye r.. - T.d.: KBIN.

DISTRIBUTION. Afrotropical: Burundi.

***anomalus* (Hardy, 1968)**

Pipunculus Eudorylas anomalus Hardy, 1968: 442. - T.l.: Philippines, Luzon, Albay Prov., Mt Mayon, 16km W Lagaspi. - T.d.: BPBM (Nr 7824).

DISTRIBUTION. Oriental: Philippines.

***antennalis* Kapoor, Grewal & Sharma, 1987**

Eudorylas antennalis Kapoor, Grewal & Sharma, 1987: 80. - T.l.: India, Punjab, Ludhiana. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

***apicalis* (Hardy & Knowlton, 1939)**

Pipunculus apicalis Hardy & Knowlton, 1939a: 88. - T.l.: USA, Utah, Logan Canyon, Spring Hollow. - T.d.: USAC.

DISTRIBUTION. Nearctic: USA (UT).

***apiculatus* (Hardy, 1961)**

Dorilas Eudorylas apiculatus Hardy, 1961: 133. - T.l.: Zaire, Pidigala. - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Zaire.

***appendiculatus* Kozánek & Kwon, 1991**

Eudorylas appendiculatus Kozánek & Kwon, 1991b: 159. - T.l.: North Korea, Kangwon Prov., Kumgang-san Mts, Onjong-ri. - T.d.: SNMB.

DISTRIBUTION. Palaearctic: NK.

***aptus* (Hardy, 1972)**

Pipunculus Eudorylas aptus Hardy, 1972c: 40. - T.l.: Vietnam, Mt Làng Bian. - T.d.: BPBM (Nr 10248).

DISTRIBUTION. Oriental: Vietnam.

***aquavincinus* (Hardy, 1943)**

Dorilas Eudorylas aquavincinus Hardy, 1943: 72. - T.l.: USA, New Mexico, Tajique. - T.d.: SEM (Nr 3144).

DISTRIBUTION. Nearctic: USA (NM).

***aquinoi* Rafael & Rosa, 1990**

Eudorylas aquinoi Rafael & Rosa, 1990: 449. - T.l.: Brazil, Roraima, Rio Uraricoera, Maracá I. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

***arcanus* Coe, 1966**

Eudorylas arcana Coe, 1966b: 72. - T.l.: Great Britain, England, Suffolk, Worlington. - T.d.: NHM.

DISTRIBUTION. Palaearctic: CH, GB, LAT.

***arthurianus* (Tonnoir, 1925)**

Pipunculus arthurianus Tonnoir, 1925: 315. - T.l.: New Zealand, Cass. - T.d.: CMC.

DISTRIBUTION. Australasian/Oceanian: New Zealand.

***arundani* (Hardy, 1954)**

Dorilas Eudorylas arundani Hardy, 1954b: 122. - T.l.: USA, Georgia, Griffin. - T.d.: SEM (Nr 5177).

DISTRIBUTION. Nearctic: USA (GA).

***arvazensis* Kuznetzov, 1994**

Eudorylas arvazensis Kuznetzov, 1994b: 33. - T.l.: Turkmenistan, Arvaza r. Canyon, 30km SW Baharden. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TUR.

ascitus De Meyer, 1995

Eudorylas ascitus De Meyer, 1995b: 287. - T.I.: Israel, Haifa. - T.d.: TAU.
DISTRIBUTION. Palaearctic: Israel.

ashoroensis Morakote & Yano, 1990

Eudorylas ashoroensis Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 308. - T.I.: Japan, Hokkaido, Tokachi, Ashoro. - T.d.: KUF (Nr 2759).
DISTRIBUTION. Palaearctic: J.

atratus (de Meijere, 1914)

Pipunculus atratus de Meijere, 1914: 169. - T.I.: Indonesia, Java, Gunung Gedeh. - T.d.: ZMA.
DISTRIBUTION. Oriental: Indonesia (Java).

attenuatus (Yang & Xu, 1989)

Pipunculus Eudorylas attenuatus Yang & Xu, 1989: 158. - T.I.: People's Republic China, Shaanxi, Louguantai. - T.d.: BAU.
DISTRIBUTION. Palaearctic: PRC.

australinus Kuznetzov, 1994

Eudorylas australinus Kuznetzov, 1994c: 105 (n.n. for *montivagus* Kuznetzov, 1993c) - T.I.: Australia, Canberra, Black Mt. - T.d.: ZISP.
Eudorylas montivagus Kuznetzov, 1993c: 145. [Preocc. Hardy, 1943]
DISTRIBUTION. Australasian/Oceanian: Australia.

barkalovi Kuznetzov, 1990

Eudorylas barkalovi Kuznetzov, 1990a: 49. - T.I.: Russia, W Siberia, Altai, Lake Teletskoe, Artybash. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

barrettoi (Hardy, 1965)

Pipunculus Eudorylas barrettoi Hardy, 1965b: 29. - T.I.: Brazil, Rio de Janeiro, Itatiaia, Maromba. - T.d.: MZSP.
DISTRIBUTION. Neotropical: Brazil.

bartaki Kozánek, 1993

Eudorylas bartaki Kozánek, 1993: 39. - T.I.: Slovakia, C Slovakia, Vel'ká Fatra, Kantorská dolina. - T.d.: SNMB.
DISTRIBUTION. Palaearctic: CH, SLK.

beckeri (Kertész, 1903)

Pipunculus beckeri Kertész, 1903: 466. - T.I.: Sri Lanka, Colombo. - T.d.: unknown (not in TMB according to Dely-Draskovits, letter of 29.XI.1993).
DISTRIBUTION. Oriental: Sri Lanka.

beneficiens (Perkins, 1905)

Pipunculus beneficiens Perkins, 1905: 143. - T.I.: Australia, Queensland, Bundaberg. - T.d.: BPBM (Nr 4193).
DISTRIBUTION. Australasian/Oceanian: Australia.

bentoni Rafael & Rosa, 1990

Eudorylas bentoni Rafael & Rosa, 1990: 449. - T.I.: Brazil, Roraima, Rio Uraricoera, Maracá I. - T.d.: INPA.
DISTRIBUTION. Neotropical: Brazil.

bharatiensis Kapoor, Grewal & Sharma, 1987

Eudorylas bharatiensis Kapoor, Grewal & Sharma, 1987: 81. - T.I.: India, Himachal Pradesh, Dharifatehpur. - T.d.: INPA.
DISTRIBUTION. Oriental: India.

bicolor (Becker, 1924)

Pipunculus bicolor Becker, 1924: 15. - T.I.: Taiwan, Paiwan Distr, Parve. - T.d.: IPE (2 syntypes).
DISTRIBUTION. Oriental: Taiwan.

bicostalis Kapoor, Grewal & Sharma, 1987

Eudorylas bicostalis Kapoor, Grewal & Sharma, 1987: 82. - T.I.: India, Kerala, Silent Valley. - T.d.: NPC.
DISTRIBUTION. Oriental: India.

bidactylus (Hardy, 1943)

Dorilas Eudorylas bidactylus Hardy, 1943: 80. - T.I.: USA, Arizona, Chiricahua Mts. - T.d.: SEM (Nr 3146).
DISTRIBUTION. Nearctic: USA (AZ, MA, MI, NY).

bilobus (Hardy, 1947)

Dorilas Eudorylas bilobus Hardy, 1947: 148. - T.I.: USA, New York, Long I, Cold Spring Harbor. - T.d.: AMNH.
DISTRIBUTION. Nearctic: USA (NY).

biroi (Kertész, 1903)

Pipunculus biroi Kertész, 1903: 466. - T.I.: Sri Lanka, Colombo. - T.d.: unknown (not in TMB according to Dely-Draskovits, letter of 29.XI.1993).
DISTRIBUTION. Oriental: Burma, India, Malay peninsula, Sri Lanka.

bisetosus (Hardy, 1962)

Pipunculus Eudorylas bisetosus Hardy, 1962b: 255. - T.l.: Madagascar, C Madagascar, Ambalamanaakana. - T.d.: NMB.

DISTRIBUTION. Afrotropical: Madagascar.

bredoi (Hardy, 1949)

Dorilas Eudorylas bredoi Hardy, 1949c: 1. - T.l.: Zaire, Lubumbashi. - T.d.: KBIN.

DISTRIBUTION. Afrotropical: Zaire.

brevisalus Morakote & Yano, 1990

Eudorylas brevisalus Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 311. - T.l.: Japan, Kyushu, Fukuoka Pref., Mt Hikosan. - T.d.: KUF (Nr 2763).

DISTRIBUTION. Palaearctic: J.

brunnipennis (Becker, 1900)

Pipunculus brunnipennis Becker, 1900: 248. - T.l.: Peru, Cuzco, Callanga. - T.d.: TMB (confirmed by Kozánek in letter of 28.XI.1993).

DISTRIBUTION. Neotropical: Peru.

bulbosus Rafael, 1995

Eudorylas bulbosus Rafael, 1995: 798. - T.l.: Brazil, Amazonas, Manaus, University campus. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

burmanicus (Hardy, 1972)

Pipunculus Eudorylas burmanicus Hardy, 1972b: 131. - T.l.: Burma, NE Burma, Kambaiti. - T.d.: NHM.

DISTRIBUTION. Oriental: Burma.

buscki (Malloch, 1912)

Pipunculus buscki Malloch, 1912: 3. - T.l.: Panama, Taboga I. - T.d.: USNM (Nr 15121).

DISTRIBUTION. Neotropical: Panama.

caccabatus Rafael & Rosa, 1990

Eudorylas caccabatus Rafael & Rosa, 1990: 452. - T.l.: Brazil, Roraima, Rio Uraricoera, Maracá I. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

carpathicus Kozánek, 1993

Eudorylas carpathicus Kozánek, 1993: 41. - T.l.: Ukraine, Körösmezö [= Jasenje]. - T.d.: TMB.

DISTRIBUTION. Palaearctic: UKR.

celatus (Hardy, 1972)

Pipunculus Eudorylas celatus Hardy, 1972c: 42. - T.l.: Philippines, Luzon, Laguna, Mt Makiling, Mud Spring. - T.d.: BPBM (Nr 10249).

DISTRIBUTION. Oriental: Philippines, Vietnam.

chvalai Kozánek, 1988

Eudorylas chvalai Kozánek, 1988: 946. - T.l.: Turkmenistan, Aschabad, Park. - T.d.: SNMB.

DISTRIBUTION. Palaearctic: TUR.

ciliatus (de Meijere, 1907)

Pipunculus ciliatus de Meijere, 1907b: 260. - T.l.: Indonesia, Java, Semarang. - T.d.: ZMA.

DISTRIBUTION. Oriental: Indonesia (Java), Philippines.

cinctus (Banks, 1915)

Pipunculus cinctus Banks, 1915: 169. - T.l.: USA, Virginia, Falls Church. - T.d.: MCZ (Nr 13554, 2 syntypes).

ssp. ***cinctus*** s.str.

DISTRIBUTION. Nearctic: USA (FL, GA, NC, VA). Neotropical: Mexico.

ssp. ***subtilis*** (Hardy, 1943)

Dorilas cinctus subtilis Hardy, 1943: 84. - T.l.: USA, Arizona, Chiricahua Mts. - T.d.: SEM (Nr 3150).

DISTRIBUTION. Nearctic: USA (AZ, CO, KS, NM). Neotropical: Costa Rica, Mexico.

cinerascens (Perkins, 1905)

Pipunculus cinerascens Perkins, 1905: 142. - T.l.: Australia, Queensland, Bundaberg. - T.d.: BPBM (Nr 4194).

DISTRIBUTION. Australasian/Oceanian: Australia.

coloratus (Becker, 1898)

Pipunculus coloratus Becker, 1898: 57. - T.l.: Poland, "Charlottenbrunn in Schlesien" [= nr Wroclaw, according to Tanasijtshuk, 1988]. - T.d.: MNHU (Nr 32247)

DISTRIBUTION. Palaearctic: A, D, DK, LAT, PL, R, S.

colossus (Hardy, 1972)

Pipunculus Eudorylas colossus Hardy, 1972b: 133. - T.l.: Burma, NE Burma, Washang. - T.d.: NHM.

DISTRIBUTION. Oriental: Burma.

***comparatus* (Hardy, 1972)**

Pipunculus Eudorylas comparatus Hardy, 1972c: 43. - T.l.: Borneo, N Borneo, Forest Camp 19km N Kalabakan. - T.d.: BPBM (Nr 10250).

DISTRIBUTION. Oriental: Borneo.

***conformis* (Hardy, 1959)**

Dorilas Eudorylas conformis Hardy, 1959b: 27. - T.l.: Rwanda, Kundhuru ya Tshuve. - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Rwanda, Zaire.

***confusoides* (Lamb, 1922)**

Pipunculus confusoides Lamb, 1922: 412. - T.l.: Seychelles Is, Mahé, "nr Morne Blance" & "Cascade Estate" & "marshes on coastal plat at Anse aux Pins" & Anonyme I. - T.d.: NHM (3 syntypes).

Dorylomorpha lini Hardy, 1972a: 81. - T.l.: Philippines, Palawan, 13 km N Puerto Princesa. - T.d.: BPBM (Nr 9372). - Syn.: De Meyer, 1995b: 288.

DISTRIBUTION. Afrotropical: Reunion I, Seychelles Is. Oriental: India, Philippines, Taiwan, Thailand. Palaearctic: Israel, J (Nansei Is).

***conjunctus* Collin, 1949**

Eudorylas conjunctus Collin, 1949: 191. - T.l.: Egypt, Helwan. - T.d.: NHM.

DISTRIBUTION. Palaearctic: Egypt.

***consimilis* Rafael, 1989**

Eudorylas consimilis Rafael, 1989: 402. - T.l.: Brazil, Amazonas, Rio Solimões, Marchantaria I. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

***corbetti* Kapoor, Grewal & Sharma, 1987**

Eudorylas corbetti Kapoor, Grewal & Sharma, 1987: 84. - T.l.: India, Uttar Pradesh, Corbett National Park, Ram Nagar. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

***costalis* (Becker, 1924)**

Pipunculus costalis Becker, 1924: 16. - T.l.: Taiwan, Maruyama. - T.d.: IPE.

DISTRIBUTION. Oriental: Taiwan.

***crassus* (Bezzi, 1926)**

Pipunculus crassus Bezzi in Bezzi & Lamb, 1926: 550. - T.l.: Rodriguez I. - T.d.: NHM.

DISTRIBUTION. Afrotropical: Rodriguez I.

***cralimes* Morakote & Yano, 1990**

Eudorylas cralimes Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 298. - T.l.: Japan, Hokkaido, Kamikawa, Mt Daisetsu, Sounkyo. - T.d.: KUF (Nr 2749).

DISTRIBUTION. Palaearctic: J.

***cruciator* (Perkins, 1905)**

Pipunculus cruciator Perkins, 1905: 137. - T.l.: Australia, Queensland, Cairns. - T.d.: BPBM (Nr 4196).

DISTRIBUTION. Australasian/Oceanian: Australia.

***cupreiventris* (Becker, 1914)**

Dorylas cupreiventris Becker, 1914: 126. - T.l.: Kenya, Naivasha. - T.d.: unknown (not in MNHU acc. to Schumann in letter of 10.VIII.1993. Type material was collected by Ch. Alluaud and R. Jeannel according original publication). DISTRIBUTION. Afrotropical: Ghana, Kenya.

***curtus* (Hardy, 1943)**

Dorilas Eudorylas curtus Hardy, 1943: 85. - T.l.: USA, Arizona, Chiricahua Mts. - T.d.: SEM (Nr 3151).

DISTRIBUTION. Nearctic: USA (AZ).

***curvatus* (Hardy, 1954)**

Dorilas Eudorylas curvatus Hardy, 1954a: 20. - T.l.: Brazil, Minas Gerais, Cambuquira. - T.d.: MNRJ.

Dorilas Eudorylas particeps Hardy, 1954a: 37. - T.l.: Brazil, Minas Gerais, Cambuquira. - T.d.: MNRJ. - Syn.: Rafael, 1995: 800.

DISTRIBUTION. Neotropical: Argentina, Brazil.

***cuspicornis* (Kertész, 1915)**

Dorylas cuspicornis Kertész, 1915: 386 (n. n. for *acuticornis* Malloch). - T.l.: Panama, Taboga I. - T.d.: USNM (Nr 15120).

Pipunculus acuticornis Malloch, 1912: 2. [Preocc. Zeller in litt., apud Zetterstedt, 1849: 3207]

DISTRIBUTION. Neotropical: Panama.

***cycnus* Morakote & Yano, 1990**

Eudorylas cycnus Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 310. - T.l.: Japan, Hokkaido, Apoi. - T.d.: HUS.

DISTRIBUTION. Palaearctic: J.

deansi (Tonnoir, 1925)

Pipunculus deansi Tonnoir, 1925: 315. - T.l.: New Zealand, Deans Bush. - T.d.: CMC.
DISTRIBUTION. Australasian/Oceanian: New Zealand.

deceptor (Hardy, 1968)

Pipunculus Eudorylas deceptor Hardy, 1968: 445. - T.l.: Philippines, Tawi Tawi, Tarawakan. - T.d.: ZMK.
DISTRIBUTION. Oriental: Philippines.

decorus (Hardy, 1950)

Dorilas Eudorylas decorus Hardy, 1950a: 24. - T.l.: Zaire, towards Rweru, Mikeno volcano. - T.d.: KMMA.
DISTRIBUTION. Afro tropical: Rwanda, Zaire.

definitus (Hardy, 1961)

Dorilas Eudorylas definitus Hardy, 1961: 134. - T.l.: Zaire, Parc National Garamba, "I/a/3". - T.d.: KMMA.
DISTRIBUTION. Afro tropical: Zaire.

delfinadoae (Hardy, 1972)

Pipunculus Eudorylas delfinadoae Hardy, 1972c: 45. - T.l.: Philippines, Luzon, Nueva Vizcaya, 6 km W Imugan. - T.d.: BPBM (Nr 10251).
DISTRIBUTION. Oriental: Philippines.

demeyeri Kozánek, 1993

Eudorylas demeyeri Kozánek, 1993: 42. - T.l.: Italy, Cesana. - T.d.: SNMB.
DISTRIBUTION. Palaearctic: CZ, D, E, H, I.

denotatus (Hardy, 1959)

Dorilas Eudorylas denotatus Hardy, 1959a: 400. - T.l.: South Africa, Cape Prov., Hout Bay, Skoorsteenkop. - T.d.: ZML (Nr 2124).
DISTRIBUTION. Afro tropical: South Africa.

devius (Hardy, 1965)

Pipunculus Eudorylas devius Hardy, 1965a: 208. - T.l.: Argentina, Salta, Embarcación. - T.d.: IZML.
DISTRIBUTION. Neotropical: Argentina.

dextratus (Hardy, 1965)

Pipunculus Eudorylas dextratus Hardy, 1965a: 210. - T.l.: Argentina, Salta, Tartagal. - T.d.: IZML.
DISTRIBUTION. Neotropical: Argentina, Brazil.

dextrostylus Kapoor, Grewal & Sharma, 1987

Eudorylas dextrostylus Kapoor, Grewal & Sharma, 1987: 85. - T.l.: India, Haryana, Pinjore. - T.d.: NPC.
DISTRIBUTION. Oriental: India.

diagonalis Morakote & Yano, 1990

Eudorylas diagonalis Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 288. - T.l.: Japan, Honshu, Fukushima Pref., Mt Abukuma, Iitatemura. - T.d.: KUF (Nr 2742).
DISTRIBUTION. Palaearctic: J.

dichopticus Kuznetzov, 1990

Eudorylas dichopticus Kuznetzov, 1990a: 36. - T.l.: Turkmenistan, NW Buchara, Farab. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: TUR.

discoidalis (Becker, 1898)

Pipunculus discoidalis Becker, 1898: 46. - T.l.: Russia, "Sarepta" [= near Volgograd, according to Tanasijtshuk, 1988]. - T.d.: MNHU (Loew's collection).
DISTRIBUTION. Palaearctic: RUS.

discors (Hardy, 1966)

Pipunculus Eudorylas discors Hardy, 1966b: 440. - T.l.: Nepal, E Nepal, Tumlingtar. - T.d.: NHM.
DISTRIBUTION. Oriental: Nepal.

discretus (Hardy, 1952)

Dorilas Eudorylas discretus Hardy, 1952c: 9. - T.l.: Burundi, Bururi. - T.d.: KBIN.
DISTRIBUTION. Afro tropical: Burundi.

dissimilis Coe, 1966

Eudorylas dissimilis Coe, 1966b: 76. - T.l.: Great Britain, England, Kent, Blean Woods. - T.d.: NHM.
DISTRIBUTION. Palaearctic: GB.

diversus (Hardy, 1949)

Dorilas Eudorylas diversus Hardy, 1949b: 29. - T.l.: South Africa, Cape Prov., Matjesfontein. - T.d.: NHM.
DISTRIBUTION. Afro tropical: South Africa.

dives (Hardy, 1947)

Dorilas Eudorylas dives Hardy, 1947: 149. - T.l.: USA, Indiana, Vic. Indianapolis. - T.d.: USAC.
DISTRIBUTION. Nearctic: SA (IN).

dolichostigmus (Perkins, 1905)

Pipunculus dolichostigmus Perkins, 1905: 140. - T.l.: Australia, Queensland, Bundaberg. - T.d.: BPBM (Nr 4198).
DISTRIBUTION. Australasian/Oceanian: Australia.

dorsalis (Hardy, 1950)

Dorilas Eudorylas dorsalis Hardy, 1950a: 26. - T.l.: Zaire, Parc National Albert, Kivu, Rutshuru, r. Musugereza. - T.d.: KMMA.
DISTRIBUTION. Afrotropical: Madagascar, Zaire.

dorsispinosus (Hardy, 1965)

Pipunculus Eudorylas dorsispinosus Hardy, 1965a: 215. - T.l.: Argentina, Tucumán, Burruyacu, Villa Padre Monti. - T.d.: IZML.
DISTRIBUTION. Neotropical: Argentina, Brazil.

dreisbachi (Hardy, 1948)

Dorilas dreisbachi Hardy, 1948a: 89. - T.l.: USA, Michigan, Shiawassee Co.. - T.d.: SEM (Nr 4523).
DISTRIBUTION. Nearctic: USA (MI).

duckei Rafael, 1995

Eudorylas duckei Rafael, 1995: 803. - T.l.: Brazil, Amazonas, Manaus. - T.d.: INPA.
DISTRIBUTION. Neotropical: Brazil.

dudai (Hardy, 1947)

Dorilas dudai Hardy, 1947: 146 (n.n. for *curvitibia* Duda). - T.l.: Germany, Saar, St. Wendel. - T.d.: MNHU
(apparently three syntypes).
Dorylas curvitibia Duda, 1940: 218. [Preocc. *femoratus curvitibiae* Hardy, 1939]
DISTRIBUTION. Palaearctic: D.

dumiculus (Hardy, 1963)

Pipunculus Eudorylas dumiculus Hardy, 1963: 265. - T.l.: Colombia, Narino, Pedregal. - T.d.: USNM.
DISTRIBUTION. Neotropical: Colombia, El Salvador.

duplicatus Rafael, 1995

Eudorylas duplicatus Rafael, 1995: 805. - T.l.: Brazil, São Paulo, Barueri. - T.d.: MZSP.
DISTRIBUTION. Neotropical: Brazil.

duocollis Morakote & Yano, 1990

Eudorylas duocollis Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 311. - T.l.: Japan, Hokkaido,
Sapporo, Nopporo. - T.d.: HUS.
DISTRIBUTION. Palaearctic: J.

electus (Hardy, 1947)

Dorilas electus Hardy, 1947: 146 (n.n. for *caudatus* Duda). - T.l.: Czech Republic, "Riesengebirge" [= Krkonoše,
according to Tanasijtshuk, 1988]. - T.d.: MNHU.
Dorylas caudatus Duda, 1940: 217. [Preocc. Cresson, 1911]
DISTRIBUTION. Palaearctic: CZ.

elephas (Becker, 1898)

Pipunculus elephas Becker, 1898: 42. - T.l.: Austria, Gastein. - T.d.: MNHU (holotype, Nr 15556. Second specimen,
Nr 51629, labelled 'Typus' is from "Wölfelsgrund" hence not type since not from type locality).
DISTRIBUTION. Palaearctic: A, CH, CZ, D, LAT, PL, S, SF, SLK.

encerus (Hardy, 1949)

Dorilas Eudorylas encerus Hardy, 1949b: 30. - T.l.: Malawi, Limbe. - T.d.: NHM.
DISTRIBUTION. Afrotropical: Malawi.

eremitus (Hardy, 1954)

Dorilas Eudorylas eremitus Hardy, 1954a: 21. - T.l.: Brazil, Guanabara, Rio de Janeiro, Manguinhos. - T.d.: MNRJ.
DISTRIBUTION. Neotropical: Argentina, Brazil.

erinys (Perkins, 1905)

Pipunculus erinys Perkins, 1905: 138. - T.l.: Australia, Queensland, Bundaberg. - T.d.: BPBM (Nr 4200).
DISTRIBUTION. Australasian/Oceanian: Australia.

eremnoptera (Hardy, 1962)

Pipunculus Eudorylas eremnoptera Hardy, 1962b: 257. - T.l.: Madagascar, C Madagascar, Antananarivo. - T.d.:
NMB.
DISTRIBUTION. Afrotropical: Madagascar.

eucalypti (Perkins, 1905)

Pipunculus eucalypti Perkins, 1905: 138. - T.l.: Australia, Queensland, Bundaberg. - T.d.: BPBM (Nr 4201).
DISTRIBUTION. Australasian/Oceanian: Australia. Oriental: ?Taiwan.

euciliatus Kapoor, Grewal & Sharma, 1987

Eudorylas euciliatus Kapoor, Grewal & Sharma, 1987: 86. - T.l.: India, Himachal Pradesh, Kufri. - T.d.: NPC.
DISTRIBUTION. Oriental: India.

eulentiger Kapoor, Grewal & Sharma, 1987

Eudorylas eulentiger Kapoor, Grewal & Sharma, 1987: 88. - T.l.: India, Uttar Pradesh, Haldwani. - T.d.: NPC.
DISTRIBUTION. Oriental: India.

eutrichodes (Perkins, 1906)

Pipunculus eutrichodes Perkins, 1906: 494. - T.l.: Australia, Queensland, Kuranda, nr Cairns. - T.d.: BPBM (Nr 4202).
DISTRIBUTION. Australasian/Oceanian: Australia.

evanidus (Hardy, 1949)

Dorilas evanidus Hardy, 1949b: 31. - T.l.: South Africa, Pondoland, Port St John. - T.d.: NHM.
DISTRIBUTION. Afrotropical: South Africa.

excisus (Hardy, 1949)

Dorilas Eudorylas excisus Hardy, 1949b: 32. - T.l.: Malawi, Ruo. - T.d.: NHM.
DISTRIBUTION. Afrotropical: Congo basin, Malawi, Zimbabwe.

expletirubus Morakote & Yano, 1990

Eudorylas expletirubus Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 292. - T.l.: Japan, Honshu, Fukushima Pref., Mt Abukuma, Iitatemura. - T.d.: KUF (Nr 2745).
DISTRIBUTION. Palaearctic: J.

extensus (Brunetti, 1923)

Pipunculus extensus Brunetti, 1923: 13. - T.l.: India, Bihar, Pusa. - T.d.: NHM (2 syntypes).
DISTRIBUTION. Oriental: India.

facetus (Hardy, 1962)

Pipunculus Eudorylas facetus Hardy, 1962b: 259. - T.l.: Madagascar, C Madagascar, Ambohitantel. - T.d.: NMB.
DISTRIBUTION. Afrotropical: Madagascar.

falcatus (Hardy, 1949)

Dorilas Eudorylas falcatus Hardy, 1949b: 33. - T.l.: Ghana, Ashanti, Obuasi. - T.d.: NHM.
DISTRIBUTION. Afrotropical: Ghana, Zaire.

fallax (Perkins, 1905)

Pipunculus fallax Perkins, 1905: 141. - T.l.: Australia, Queensland, Bundaberg. - T.d.: BPBM (Nr 4203).
DISTRIBUTION. Australasian/Oceanian: Australia.

fascipes (Zetterstedt, 1844)

Pipunculus fascipes Zetterstedt, 1844: 964. - T.l.: Sweden, "Ostrogothia; circa Wadstena". - T.d.: ZML (Nr 2441, apparently 1 syntype (Collin's Nr 124 and referred to as the male without head) remaining from Zetterstedt's Dipt.Scand. collection. Neotype designation by Collin, 1956 of specimen in Roth's collection under nr 125, invalid according to Danielsson (letter of 22.X.1993) since syntype still present. Collin included this specimen in his syntype series of *E. subterminalis*, cfr below under *subterminalis*).
DISTRIBUTION. Palaearctic: A, CZ, B, D, GB, IRE, J, LAT, NK, NL, PL, S, SF, SLK.

filicornis (Brunetti, 1912)

Pipunculus filicornis Brunetti, 1912: 489. - T.l.: India, Darjeeling, Kurseong. - T.d.: ZSI.
DISTRIBUTION. Oriental: Burma, India.

fischeri (Dunk, 1995)

Eudorylas fischeri Dunk, 1995: 121. - T.l.: Germany, N Bavaria, Middle Franconia, Oberndorf N Erlangen. - T.d.: ZSM.
DISTRIBUTION. Palaearctic: D.

flavicornis (Williston, 1892)

Pipunculus flavicornis Williston, 1892: 88. - T.l.: Mexico, Guerrero, Amula. - T.d.: NHM.
DISTRIBUTION. Neotropical: Mexico.

flavicrus De Meyer, 1995

Eudorylas flavicrus De Meyer, 1995b: 289. - T.l.: Israel, Elat. - T.d.: TAU.
DISTRIBUTION. Palaearctic: Israel.

flavitar sis (Williston, 1892)

Pipunculus flavitar sis Williston, 1892: 87. - T.l.: Mexico, Guerrero, Chilpancingo. - T.d.: NHM.
DISTRIBUTION. Neotropical: Mexico.

flexus (Hardy, 1949)

Dorilas Eudorylas flexus Hardy, 1949b: 34. - T.l.: Namibia, Okahandja. - T.d.: NHM.
DISTRIBUTION. Afrotropical: Namibia.

***fluviatilis* (Becker, 1900)**

Pipunculus fluviatilis Becker, 1900: 224. - T.l.: Egypt, Assiut, "Nilufer". - T.d.: MNHU (Nr 44397, 3 syntypes on two pins from "Assiut". Additional specimen, Nr 58020, labelled 'Typus' from "Orenburg" [=Chkalov, Russia] does not belong to type series but was mentioned by Becker, 1921a).

DISTRIBUTION. Palaearctic: Egypt, E (incl. Canary Is), Israel (incl. occupied Golan Heights), RUS.

***focus* Morakote & Yano, 1990**

Eudorylas focus Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 309. - T.l.: Japan, Honshu, Fukushima Pref., Mt Abukuma, Iitatemura. - T.d.: KUF (Nr 2761).

DISTRIBUTION. Palaearctic: J.

***fortis* Rafael, 1995**

Eudorylas fortis Rafael, 1995: 806. - T.l.: Brazil, Amazonas, Manaus, university campus. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

***fractus* (Hardy, 1962)**

Pipunculus Eudorylas fractus Hardy, 1962b: 260. - T.l.: Madagascar, C Madagascar, Ambohitantely. - T.d.: NMB.

DISTRIBUTION. Afrotropical: Madagascar.

***fukushimaensis* Morakote & Yano, 1990**

Eudorylas fukushimaensis Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 301. - T.l.: Japan, Honshu, Fukushima Pref., Mt Abukuma, Iitatemura. - T.d.: KUF (Nr 2752).

DISTRIBUTION. Palaearctic: J.

***fumipennis* (Kertész, 1903)**

Pipunculus fumipennis Kertész, 1903: 467. - T.l.: Papua New Guinea, Yomba. - T.d.: unknown (not in TMB, according to Dely-Dráskovits, letter of 29.XI.1993).

DISTRIBUTION. Australasian/Oceanian: PNG.

***furvulus* Collin, 1956**

Eudorylas furvulus Collin, 1956: 167. - T.l.: Sweden, Närke, Örebro, Oset. - T.d.: ZML (Nr 1697).

DISTRIBUTION. Palaearctic: CH, CZ, LAT, NK, S, SF.

***fuscipennis* (Brunetti, 1927)**

Pipunculus fuscipennis Brunetti, 1927: 305. - T.l.: Malaysia, Pahang, Lubok Tamang. - T.d.: NHM (2 syntypes).

DISTRIBUTION. Oriental: Malaysia.

***fuscipes* (Zetterstedt, 1844)**

Pipunculus fuscipes Zetterstedt, 1844: 953. - T.l.: Denmark "Dania a D Staeger communicatus". - T.d.: ZML (Nr 2442, lectotype designated by Collin, 1956).

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, DK, E, GB, H, I, IRE, LAT, NK, NL, PL, S, SF, SLK.

***fuscitarsis* (Adams, 1903)**

Pipunculus fuscitarsis Adams, 1903: 36. - T.l.: USA, New Mexico, Magdalena Mts. - T.d.: SEM (Nr 8370).

DISTRIBUTION. Nearctic: USA (AZ, CA, CO, NM, UT).

***fusculus* (Zetterstedt, 1844)**

Pipunculus fusculus Zetterstedt, 1844: 955. - T.l.: Sweden, "in Ostrogothia" [= Ostergötland, Larhetorp according to Danielsson in letter of 22.X.1993]. - T.d.: ZML (Nr 2443, lectotype designated by Collin, 1956).

DISTRIBUTION. Palaearctic: A, B, BG, CH, CZ, D, GB, H, N, LAT, NL, PL, S, SF, SLK, YU.

***fustis* Morakote & Yano, 1990**

Eudorylas fustis Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 287. - T.l.: Japan, Kyushu, Fukuoka Pref., Mt Hikosan. - T.d.: KUF (Nr 2741).

DISTRIBUTION. Palaearctic: J, NK.

***galeatus* (Hardy, 1949)**

Dorilas Eudorylas galeatus Hardy, 1949b: 36. - T.l.: South Africa, Pondoland, Port St John. - T.d.: NHM.

DISTRIBUTION. Afrotropical: South Africa, Zaire.

***garambensis* (Hardy, 1961)**

Dorilas Eudorylas garambensis Hardy, 1961: 138. - T.l.: Zaire, Parc national Garamba, "II/gd/4". - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Zaire.

***garhwalensis* Kapoor, Grewal & Sharma, 1987**

Eudorylas garhwalensis Kapoor, Grewal & Sharma, 1987: 90. - T.l.: India, Uttar Pradesh, Dehra Dun. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

***ghesquierei* (Hardy, 1950)**

Dorilas Eudorylas ghesquierei Hardy, 1950a: 29. - T.l.: Zaire, Eala. - T.d.: KBIN.

DISTRIBUTION. Afrotropical: Zaire.

***giganteus* (Hardy, 1972)**

Pipunculus Eudorylas giganteus Hardy, 1972b: 134. - T.l.: Burma, NE Burma, Kambaiti. - T.d.: NRS.

DISTRIBUTION. Oriental: ?Borneo, Burma.

gigas (Kertész, 1912)

Dorylas gigas Kertész, 1912: 293. - T.l.: Taiwan, Toyenmongai. - T.d.: TMB (confirmed by Kozánek in letter of 28.XI.1993).

DISTRIBUTION. Oriental: Taiwan.

gilvipes Morakote & Yano, 1990

Eudorylas gilvipes Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 299. - T.l.: Japan, Honshu, Aichi Pref., Toyota, Mt Sanageyama. - T.d.: MU.

DISTRIBUTION. Palaearctic: J.

golbachi (Hardy, 1965)

Pipunculus Eudorylas golbachi Hardy, 1965a: 218. - T.l.: Argentina, Tucumán, Burruyacu, Villa Padre Monti. - T.d.: IZML.

DISTRIBUTION. Neotropical: Argentina.

gomesi (Hardy, 1954)

Dorilas Eudorylas gomesi Hardy, 1954a: 22. - T.l.: Brazil, Minas Gerais, Cambuquira. - T.d.: MNRJ.

DISTRIBUTION. Neotropical: Brazil.

gorodkovi Kuznetzov, 1990

Eudorylas gorodkovi Kuznetzov, 1990a: 34. - T.l.: Russia, Far E, Habarovsk env., Malyshevo, nr Petropavlovka. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

grandis (Hardy, 1943)

Dorilas Eudorylas grandis Hardy, 1943: 90. - T.l.: USA, Arizona, Chiricahua Mts. - T.d.: SEM (Nr 3154).

DISTRIBUTION. Nearctic: USA (AZ).

gressitti (Hardy, 1956)

Dorilas Eudorylas gressitti Hardy, 1956a: 7. - T.l.: Guam, Mt Santa Rosa. - T.d.: USNM.

DISTRIBUTION. Australasian/Oceanian: Guam.

hadrosoma (Hardy, 1962)

Pipunculus Eudorylas hadrosoma Hardy, 1962b: 262. - T.l.: Madagascar, C Madagascar, Anjavidilava, Andringitra, Ambalavao. - T.d.: NMP.

DISTRIBUTION. Afrotropical: Madagascar.

halteratus (Meigen, 1838)

Pipunculus halteratus Meigen, 1838: 146. - T.l.: Belgium, "Lüticher Gegend" [= Liège, according to Tanasijtshuk, 1988]. - T.d.: unknown (Not in the MNHN collection according to Matile, (letter of 26.VII.1993) and never arrived in Paris since it was not catalogued by Séguy).

DISTRIBUTION. Palaearctic: A, B, ?CZ, D, GB, Israel (occupied Golan Heights), LAT, ?SF, ?SLK.

hardyi (Yang & Xu, 1989)

Pipunculus Eudorylas hardyi Yang & Xu, 1989: 160. - T.l.: People's Republic of China, Shaanxi, Louguantai. - T.d.: BAU.

DISTRIBUTION. Palaearctic: PRC.

harmstoni (Hardy & Knowlton, 1939)

Pipunculus harmstoni Hardy & Knowlton, 1939b: 115. - T.l.: USA, Utah, Millville. - T.d.: USNM.

DISTRIBUTION. Nearctic: USA (UT).

harrisi (Tonnoir, 1925)

Pipunculus harrisi Tonnoir, 1925: 315. - T.l.: New Zealand, Ohakune. - T.d.: CMC.

DISTRIBUTION. Australasian/Oceanian: New Zealand.

hasanicus Kuznetzov, 1990

Eudorylas hasanicus Kuznetzov, 1990a: 45. - T.l.: Russia, S Primorskiy Terr., Hasan, Rjazanovka. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

helluo (Perkins, 1905)

Pipunculus helluo Perkins, 1905: 144. - T.l.: Australia, Queensland, Bundaberg. - T.d.: BPBM (Nr 4204).

DISTRIBUTION. Australasian/Oceanian: Australia.

hepaticolor (Becker, 1900)

Pipunculus hepaticolor Becker, 1900: 247. - T.l.: Singapore. - T.d.: unknown (not in TMB, according to Dely-Draskovits, letter of 29.XI.1993).

DISTRIBUTION. Oriental: Singapore.

hokkaidoensis Morakote & Yano, 1990

Eudorylas hokkaidoensis Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 290. - T.l.: Japan, Hokkaido, Kamikawa, Mt Daisetsusan, Sounkyo. - T.d.: KUF (Nr 2743).

DISTRIBUTION. Palaearctic: J.

holosericeus (Becker, 1898)

Pipunculus holosericeus Becker, 1898: 55. - T.l.: Italy, Mori & Roumania "Siebenbürgen". - T.d.: MCSN (1 syntype (specimen from Mori) according to Leonardi, letter of 24.II.1994) and MNHU (1 syntype Nr 38764, specimen from Siebenbürgen).

Pipunculus sericeus Becker, 1898: 100. [unjustified replacement name for *holosericeus* Becker].

Pipunculus clavatus Becker, 1898: 39/56 [species name only published in identification key on page 39. Description of the species on page 56 under *Pipunculus* sp.]. - T.l.: Italy, Mori. - T.d.: Unknown ("Sammlung Prof. M. Bezzi", not in MCSN or MNHU respectively acc. to Leonardi, letter of 24.II.1994 and Schumann, letter of 10.VIII.1993). - Syn.: Becker, 1921a: 131.

DISTRIBUTION. Palaearctic: DK, I, PL, R. Oriental: ?Philippines, Taiwan.

horridus (Becker, 1898)

Pipunculus horridus Becker, 1898: 41. - T.l.: Croatia, Dalmatia, Dubrovnik & Hungary. - T.d.: TMB (unspecified number of specimens from Hungary; probably lost. Specimen labelled 'typus det. Beck.' from Budapest and collected on 14.VI.1902 (details given by Kozánek in letter of 28.XI.1993) not from syntype series since collected after original description) and MNHU (Nr 22765, one syntype (labelled 'typus' and from "Dalmatien", collected on 20.V. but no indication of "Ragusa" on label). One additional specimen, Nr 45328, labelled 'typus' and labelled "Ungarn \ Novi Kertész" probably not from syntype series because of collection number).

DISTRIBUTION. Palaearctic: B, BG, CH, CR, CZ, D, GB, H, I, LAT, NL, SLK, SLV.

huachucanus (Hardy, 1943)

Dorilas Eudorylas huachucanus Hardy, 1943: 95. - T.l.: USA, Arizona, Huachuca Mts, Sunnyside Canyon. - T.d.: SEM (Nr 3158).

DISTRIBUTION. Nearctic: USA (AZ, KS, NM).

hylaeus (Perkins, 1905)

Pipunculus hylaeus Perkins, 1905: 139. - T.l.: Australia, Queensland, Bundaberg, Sandhills. - T.d.: BPBM (Nr 4207).

DISTRIBUTION. Australasian/Oceanian: Australia.

imbricatus Rafael, 1995

Eudorylas imbricatus Rafael, 1995: 809. - T.l.: Brazil, São Paulo, Barueri. - T.d.: MZSP.

DISTRIBUTION. Neotropical: Brazil.

imitator De Meyer, 1995

Eudorylas imitator De Meyer, 1995b: 290. - T.l.: Israel, Tirat Zvi. - T.d.: TAU.

DISTRIBUTION. Palaearctic: Israel (incl. occupied Golan Heights).

imperfectus (Becker, 1921)

Pipunculus imperfectus Becker, 1921b: 154. - T.l.: Italy, Riviera, Alassio. - T.d.: MNHU (Nr 48406).

DISTRIBUTION. Palaearctic: H, I, SLK.

incisus Rafael, 1993

Eudorylas incisus Rafael, 1993: 756. - T.l.: Mexico, Jalisco, Puerto Vallarta. - T.d.: CAS (Nr 15782).

DISTRIBUTION. Nearctic: Mexico.

indiaensis Kapoor, Grewal & Sharma, 1987

Eudorylas indiaensis Kapoor, Grewal & Sharma, 1987: 92. - T.l.: India, Assam, Guwahati. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

indivisus (Hardy, 1972)

Pipunculus Eudorylas indivisus Hardy, 1972c: 48. - T.l.: Thailand, Phliu. - T.d.: BPBM (Nr 10252).

DISTRIBUTION. Oriental: Thailand, Vietnam.

inferus Collin, 1956

Eudorylas inferus Collin, 1956: 167. - T.l.: Great Britain, England, Hants, New Forest & Surrey, Bookham & Kent, Tunbridge Wells & Hereford, Mains Wood & Suffolk, Barton Mills & Worlington & Linwood & Sweden "uncertain loc., no doubt from Scania". - T.d.: UMO (VC-type 767; 16 syntypes) & NHM (5 syntypes) (cfr Pont, 1995) & ZML (Nr 2452, 1 syntype according to Danielsson in letter of 22.X.1993).

DISTRIBUTION. Palaearctic: B, CH, D, DK, E, GB, I, LAT, NL, PL, S.

infissus (Hardy, 1968)

Pipunculus Eudorylas infissus Hardy, 1968: 450. - T.l.: Papua New Guinea, Bismarck Arch., Lavongai, Banatam. - T.d.: ZMK.

DISTRIBUTION. Australasian/Oceanian: PNG (Bismarck Arch.).

inopsicolor Morakote & Yano, 1990

Eudorylas inopsicolor Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 303. - T.l.: Japan, Hokkaido, Kushiro, Mt O-akan, Akankohan. - T.d.: KUF (Nr 2754).

DISTRIBUTION. Palaearctic: J.

***inornatus* (Hardy, 1949)**

Dorilas Eudorylas inornatus Hardy, 1949b: 37. - T.l.: Kenya, Naivasha. - T.d.: NHM.
DISTRIBUTION. Afrotropical: ?Burundi, Kenya, Madagascar, Mozambique, Zaire.

***insignis* (Hardy, 1954)**

Dorilas Eudorylas insignis Hardy, 1954a: 27. - T.l.: Brazil, Minas Gerais, Cambuquira. - T.d.: MNRJ.
DISTRIBUTION. Neotropical: Argentina, Brazil.

***jacksoni* Kapoor, Grewal & Sharma, 1987**

Eudorylas jacksoni Kapoor, Grewal & Sharma, 1987: 93. - T.l.: India, Haryana, Pinjore. - T.d.: NPC.
DISTRIBUTION. Oriental: India.

***jakuticus* Kuznetzov, 1990**

Eudorylas jakuticus Kuznetzov, 1990a: 50. - T.l.: Russia, Yakutia, mouth of the r. Olekma, tributary of r. Lena. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

***janae* Kozánek & Kwon, 1991**

Eudorylas janae Kozánek & Kwon, 1991b: 160. - T.l.: North Korea, Paektusan Mts, 30 km N Samjiyon, Mup'o. - T.d.: SNMB.
DISTRIBUTION. Palaearctic: NK.

***javanensis* (de Meijere, 1907)**

Pipunculus javanensis de Meijere, 1907b: 262. - T.l.: Indonesia, Java, Semarang. - T.d.: ZMA.
Dorylas formosanus Kertész, 1912: 298. - T.l.: Taiwan, Takao & Tainan. - T.d.: unknown (not in TMB according to Dely-Draskovits, letter of 29.XI.1993). - Syn.: Hardy, 1972a: 87.
Pipunculus transversus Brunetti, 1923: 13. - T.l.: India, Pusa. - T.d.: NHM. - Syn.: Hardy, 1972a: 87.
Dorilas Eudorylas tsuboii Koizumi, 1959: 40. - T.l.: Japan, Honshu, Okayama Pref., Okayama City, Tsushima. - T.d.: FAOU. - Syn.: Hardy, 1968: 451.
DISTRIBUTION. Australasian/Oceanian: Papua New Guinea (Bismarck Arch). Oriental: India, Indonesia, Laos, Philippines, Taiwan, Thailand. Palaearctic: J.

***jenkinsoni* Coe, 1966**

Eudorylas jenkinsoni Coe, 1966b: 69. - T.l.: Great Britain, Scotland, Moray, Altyre. - T.d.: NHM.
DISTRIBUTION. Palaearctic: B, BG, CH, D, GB, J, LAT, NL, S, SLK.

***jesoensis* (Matsumura, 1915)**

Pipunculus jesoensis Matsumura, 1915: 30. - T.l.: Japan, Hokkaido, Sapporo. - T.d.: HUS.
DISTRIBUTION. Palaearctic: J.

***jucundus* (Becker, 1921)**

Pipunculus jucundus Becker, 1921a: 130. - T.l.: Estonia, "Dorpat" [= Tartu, according to Tanasijtshuk, 1988]. - T.d.: MNHU (Nr 42476).
DISTRIBUTION. Palaearctic: EST.

***kansensis* (Hardy, 1940)**

Dorylas kansensis Hardy, 1940: 102. - T.l.: USA, Kansas, Douglas Co.. - T.d.: SEM (Nr 3159).
DISTRIBUTION. Nearctic: USA (AZ, CO, IA, KS, ND, NM, OH, UT); Canada (BC).

***kaszabi* Kozánek, 1992**

Eudorylas kaszabi Kozánek, 1992: 2. - T.l.: Mongolia, Bulgan Prov., betw. Somon Chisching-Ondor and Somon Orchon, 23 km NNE Somon Chisching-Ondor. - T.d.: TMB.
DISTRIBUTION. Palaearctic: MO.

***katonae* (Kertész, 1907)**

Pipunculus katonae Kertész, 1907: 581. - T.l.: Tanzania, Moshi. - T.d.: unknown (not in TMB according to Dely-Draskovits, letter of 29.XI.1993).
DISTRIBUTION. Afrotropical: Tanzania.

***kerzhneri* Kuznetzov, 1990**

Eudorylas kerzhneri Kuznetzov, 1990a: 48. - T.l.: Russia, Far E, Kuril Is, Shikotan I. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: NK, RUS.

***khaziarensis* Kapoor, Grewal & Sharma, 1987**

Eudorylas khaziarensis Kapoor, Grewal & Sharma, 1987: 96. - T.l.: India, Himachal Pradesh, Khaziar. - T.d.: NPC.
DISTRIBUTION. Oriental: India.

***koebelei* (Perkins, 1905)**

Pipunculus koebelei Perkins, 1905: 144. - T.l.: Australia, New South Wales, Sydney. - T.d.: BPBM (Nr 4208).
DISTRIBUTION. Australasian/Oceanian: Australia.

***kondarensis* Kuznetzov, 1990**

Eudorylas kondarensis Kuznetzov, 1990a: 36. - T.l.: Tajikistan, r. Varzob Valley, Kondara Canyon. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TAJ.

koreanus Kozánek & Kwon, 1991

Eudorylas koreanus Kozánek & Kwon, 1991b: 161. - T.l.: North Korea, Ryongaksan Mts, 10 km W P'yongyang. - T.d.: SNMB.

DISTRIBUTION. Palaearctic: NK.

kovaljovi Kuznetzov, 1990

Eudorylas kovaljovi Kuznetzov, 1990a: 40. - T.l.: Turkmenistan, env. Kushka, 18 km N Morgunovka, r. Kushka. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TUR.

kowarzi (Becker, 1898)

Pipunculus kowarzi Becker, 1898: 48. - T.l.: Poland, "Schlesien" & "Buccari". - T.d.: TMB (syntype from Buccari, confirmed by Kozánek in letter of 28.XI.1993) and perhaps MNHU (in collection one specimen Nr 5894 from "Panten" labelled 'Typus'. Not certain whether this belongs to type series).

DISTRIBUTION. Palaearctic: B, D, GB, H, NL, PL, SLK, YU.

kozaneki De Meyer, 1993

Eudorylas kozaneki De Meyer, 1993a: 43. - T.l.: Switzerland, NE, Rochefort, Chateau. - T.d.: MHNN.

DISTRIBUTION. Palaearctic: CH.

lamellatus (Collin, 1941)

Pipunculus lamellatus Collin, 1941: 223. - T.l.: Russia, Primorskiy Reg., Spassk Distr., Jakolevka [=FE, Maritime Terr., according to Pont, 1995]. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

lamellifer (Perkins, 1905)

Pipunculus lamellifer Perkins, 1905: 141. - T.l.: Australia, Queensland, Cairns. - T.d.: BPBM (Nr 4209).

Pipunculus agamus Perkins, 1905: 141. - T.l.: Australia, Queensland, Cairns. - T.d.: BPBM (Nr 4191). - Syn.: Hardy, 1964a: 110.

Pipunculus comitans Perkins, 1905: 141. - T.l.: Australia, Queensland, Cairns. - T.d.: BPBM (Nr 4195). - Syn.: Hardy, 1964a: 110.

DISTRIBUTION. Australasian/Oceanian: Australia.

largexitus Morakote & Yano, 1990

Eudorylas largexitus Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 294. - T.l.: Japan, Honshu, Fukushima Pref., Urabandai, Goshikinuma. - T.d.: KUF (Nr 2748).

DISTRIBUTION. Palaearctic: J.

lasiofemoratus (Hardy & Knowlton, 1939)

Pipunculus lasiofemoratus Hardy & Knowlton, 1939b: 116. - T.l.: USA, Utah, Nibley. - T.d.: USNM.

DISTRIBUTION. Nearctic: USA (UT).

latipennis (Banks, 1915)

Pipunculus latipennis Banks, 1915: 168. - T.l.: USA, Virginia, Falls Church. - T.d.: MCZ (Nr 13555).

DISTRIBUTION. Nearctic: USA (VA).

latistomachus Morakote & Yano, 1990

Eudorylas latistomachus Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 293. - T.l.: Honshu, Fukushima Pref., Urabandai, Goshikinuma. - T.d.: KUF (Nr 2747).

DISTRIBUTION. Palaearctic: J.

lautus (Hardy, 1943)

Dorilas Eudorylas laetus Hardy, 1943: 99. - T.l.: USA, New Mexico, Tajique. - T.d.: SEM (Nr 3160).

DISTRIBUTION. Nearctic: USA (NM).

lentiger (Kertész, 1915)

Dorylas lentiger Kertész, 1915: 386 (n.n. for *mutilatus* Kertész). - T.l.: Taiwan, Fuhosho. - T.d.: unknown (not in TMB according to Dely-Draskovits, letter of 29.XI.1993).

Dorylas mutilatus Kertész, 1912: 295. [Preocc. Loew, 1858]

DISTRIBUTION. Oriental: Malaysia, Taiwan, Thailand, Vietnam.

liberia (Curran, 1929)

Pipunculus liberia Curran, 1929: 2. - T.l.: Liberia, Paiata. - T.d.: AMNH.

DISTRIBUTION. Afrotropical: Liberia.

libratus (Hardy, 1949)

Dorilas Eudorylas libratus Hardy, 1949b: 41. - T.l.: South Africa, Cape Prov., Mossel Bay. - T.d.: NHM.

DISTRIBUTION. Afrotropical: Rwanda, South Africa, Zaire.

ligo Morakote & Yano, 1990

Eudorylas ligo Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 307. - T.l.: Japan, Honshu, Fukushima Pref., Urabandai, Goshikinuma. - T.d.: KUF (Nr 2756).

DISTRIBUTION. Palaearctic: J.

lividus (Hardy, 1954)

Dorylas Eudorylas lividus Hardy, 1954a: 28. - T.l.: Brazil, Guanabara, Rio de Janeiro, Botanical garden. - T.d.: MNRJ.

DISTRIBUTION. Neotropical: Brazil.

loewii (Kertész, 1900)

Pipunculus loewii Kertész, 1900b: 270 (n.n. for *fasciatus* Loew). - T.l.: USA, Texas, Belfrage. - T.d.: MCZ (Nr 451).

Pipunculus fasciatus Loew, 1872: 88. [Preocc. Roser, 1840]

Pipunculus nigricornis Adams, 1903: 36. - T.l.: USA, Missouri, nr Atherton. - T.d.: SEM (Nr 5761). - Syn.: Hardy, 1943: 101.

Pipunculus semifasciatus Cresson, 1911: 288. - T.l.: USA, Massachusetts, Mt Tom. - T.d.: MCZ (Nr 13561). - Syn.: Hardy, 1943: 101.

DISTRIBUTION. Nearctic: USA (AZ, KS, MA, MN, MO, NC, NH, NM, NY, SD, TX, VA).

longifrons Coe, 1966

Eudorylas longifrons Coe, 1966b: 73. - T.l.: Great Britain, England, Hants, King's Somborne. - T.d.: NHM.

DISTRIBUTION. Palaearctic: B, CH, CZ, D, GB, Israel, LAT, SLK.

longipilus (Hardy, 1948)

Dorilas Eudorylas longipilus Hardy, 1948b: 126. - T.l.: Ecuador, Pichincha, Paramo of Cerro Paschoa. - T.d.: AMNH.

DISTRIBUTION. Neotropical: Colombia, Ecuador.

longistigmus Morakote & Yano, 1990

Eudorylas longistigmus Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 296. - T.l.: Japan, Honshu, Aichi Pref., Nagoya. - T.d.: MU.

DISTRIBUTION. Palaearctic: J.

longus Rafael, 1995

Eudorylas longus Rafael, 1995: 813. - T.l.: Brazil, Parana, Umuarama. - T.d.: UFDP.

DISTRIBUTION. Neotropical: Argentina, Brazil.

lopesi (Hardy, 1954)

Dorilas Eudorylas lopesi Hardy, 1954a: 31. - T.l.: Brazil, Minas Gerais, Belo Horizonte. - T.d.: MNRJ.

DISTRIBUTION. Neotropical: Brazil.

ludhianaensis Kapoor, Grewal & Sharma, 1987

Eudorylas ludhianaensis Kapoor, Grewal & Sharma, 1987: 97. - T.l.: India, Punjab, Ludhiana, Punjab Agricultural University. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

luteipes (Brunetti, 1923)

Pipunculus luteipes Brunetti, 1923: 18. - T.l.: India, Bihar, Pusa. - T.d.: NHM.

DISTRIBUTION. Oriental: India.

luteiventris Morakote & Yano, 1990

Eudorylas luteiventris Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 291. - T.l.: Japan, Hokkaido, Kushiro, Mt O-akan, Akankohan. - T.d.: KUF (Nr 2744).

DISTRIBUTION. Palaearctic: J.

luteolus (Hardy, 1972)

Pipunculus Eudorylas luteolus Hardy, 1972c: 51. - T.l.: Philippines, Palawan, Mt Beaufort, Irawan r.. - T.d.: BPBM (Nr 10253).

DISTRIBUTION. Oriental: Philippines.

luteopilus (Hardy, 1962)

Pipunculus Pipunculus luteopilus Hardy, 1962b: 250. - T.l.: Madagascar, E Madagascar, Péritet. - T.d.: NMB.

DISTRIBUTION. Afrotropical: Madagascar.

macropygus (de Meijere, 1914)

Pipunculus macropygus de Meijere, 1914: 167. - T.l.: Indonesia, Java, Wonosobo. - T.d.: ZMA.

Pipunculus chalybeus Brunetti, 1923: 15. - T.l.: India, Wynad, Cherambadi. - T.d.: NHM. - Syn.: Hardy, 1968: 453

DISTRIBUTION. Australasian/Oceanian: PNG (Bismarck Arch). Oriental: India, Indonesia (Java), Laos, Nepal, Philippines, Taiwan, Thailand, Vietnam. Palaearctic: J, NK.

major (Brunetti, 1923)

Pipunculus major Brunetti, 1923: 10. - T.l.: India, Bihar, Pusa. - T.d.: unknown (in NHM collection only female allotype and 1 male paratype according to catalog index).

DISTRIBUTION. Oriental: India.

malaisei (Hardy, 1972)

Pipunculus Eudorylas malaisei Hardy, 1972b: 134. - T.l.: Burma, NE Burma, Kambaiti. - T.d.: NHM.

DISTRIBUTION. Oriental: Burma.

maleficus Morakote & Yano, 1990

Eudorylas maleficus Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 312. - T.I.: Japan, Honshu, Niigata Pref., Kurokawa. - T.d.: KUF (Nr 2764).

DISTRIBUTION. Palaearctic: J.

manaliensis Kapoor, Grewal & Sharma, 1987

Eudorylas manaliensis Kapoor, Grewal & Sharma, 1987: 101. - T.I.: India, Himachal Pradesh, Manali. - T.d.: NPC. DISTRIBUTION. Oriental: India.

maurus Rafael, 1991

Eudorylas maurus Rafael, 1991b: 155. - T.I.: Peru, Huánuco, Tingo Maria, Monson Valley. - T.d.: CAS (Nr 15783). DISTRIBUTION. Neotropical: Peru.

megacephalus (Kertész, 1912)

Dorylas megacephalus Kertész, 1912: 297. - T.I.: Taiwan, Koshun. - T.d.: unknown (not in TMB according to Dely-Draskovits, letter of 29.XI.1993).

DISTRIBUTION. Oriental: Taiwan.

megacanthus (Hardy, 1961)

Dorilas Eudorylas megacanthus Hardy, 1961: 142. - T.I.: Zaire, Parc National Garamba, Ndelele/R [Hardy, 1980 mentions Tanzania as type locality, error]. - T.d.: KMMA.

DISTRIBUTION. Afrotropical: ?Tanzania, Zaire.

megasurstylus Rafael & Rosa, 1990

Eudorylas megasurstylus Rafael & Rosa, 1990: 452. - T.I.: Brazil, Roraima, Rio Uraricoera, Maracá I. - T.d.: INPA. DISTRIBUTION. Neotropical: Brazil.

melanostolus (Becker, 1898)

Pipunculus melanostolus Becker, 1898: 40. - T.I.: Italy, Pavia & Austria "Neusiedler-See". - T.d.: MNHU (2 syntypes, specimen Nr 27906. from Pavia and specimen Nr 11552 labelled "Neusiedl.")

DISTRIBUTION. Palaearctic: A, B, D, DK, GB, I, LAT, NL, S, SLK.

melanotrichus Rafael, 1995

Eudorylas melanotrichus Rafael, 1995: 814. - T.I.: Brazil, Amazonas, Manaus, Reserva Ducke. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

meruensis (Hardy, 1949)

Dorilas Eudorylas meruensis Hardy, 1949b: 43. - T.I.: Kenya, Meru. - T.d.: NHM.

DISTRIBUTION. Afrotropical: Kenya.

mexicanus (Hardy, 1949)

Dorilas Eudorylas mexicanus Hardy, 1949a: 133. - T.I.: Mexico, Coahuila, Saltillo. - T.d.: CAS (Nr 6263).

DISTRIBUTION. Neotropical: Mexico.

michiganensis (Hardy, 1948)

Dorilas Eudorylas michiganensis Hardy, 1948a: 90. - T.I.: USA, Michigan, Newago Co.. - T.d.: SEM (Nr 4524).

DISTRIBUTION. Nearctic: USA (MI).

mikenensis (Hardy, 1950)

Dorilas Eudorylas mikenensis Hardy, 1950a: 33. - T.I.: Zaire, Parc National Albert, towards Rweru, volcano Mikeno.

- T.d.: KMMA.

DISTRIBUTION. Afrotropical: Rwanda, Zaire.

minghlanii Kapoor, Grewal & Sharma, 1987

Eudorylas minghlanii Kapoor, Grewal & Sharma, 1987: 102. - T.I.: India, Himachal Pradesh, Tattapani. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

minor (Cresson, 1911)

Pipunculus minor Cresson, 1911: 293. - T.I.: USA, Connecticut, North Haven. - T.d.: MCZ (Nr 13574).

DISTRIBUTION. Nearctic: Canada (ON, QU); USA (AZ, CA, CT, KS, MA, MD, ME, MI, NC, NH, NJ, NM, NY, OH, OK, PA, SD, TX, UT, VA, VT, WA). Neotropical: Mexico.

minutus Morakote & Yano, 1990

Eudorylas minutus Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 304. - T.I.: Japan, Kyushu, Fukuoka Pref., Mt Hikosan. - T.d.: KUF (Nr 2755).

DISTRIBUTION. Palaearctic: J.

minymerus (Hardy, 1962)

Pipunculus Eudorylas minymerus Hardy, 1962b: 264. - T.I.: Madagascar, E Madagascar, Fénérive. - T.d.: NMP.

DISTRIBUTION. Afrotropical: Madagascar.

misericors Morakote & Yano, 1990

Eudorylas misericors Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 309. - T.I.: Japan, Hokkaido,

Tokachi, Kamishihoro, Nukabira. - T.d.: KUF (Nr 2760).

DISTRIBUTION. Palaearctic: J.

***modestus* (Haliday, 1833)**

Pipunculus modestus Haliday, 1833: 162. - T.l.: Great Britain, Kent. - T.d.: probably NMID.

DISTRIBUTION. Palaearctic: GB.

***modicus* (Hardy, 1949)**

Dorilas Eudorylas modicus Hardy, 1949c: 2. - T.l.: Zaire, Lubumbashi. - T.d.: KBIN.

DISTRIBUTION. Afrotropical: Zaire.

***monas* (Perkins, 1905)**

Pipunculus monas Perkins, 1905: 145. - T.l.: Australia, Queensland, Bundaberg. - T.d.: BPBM (Nr 4212).

DISTRIBUTION. Australasian/Oceanian: Australia.

***mongolorum* Kuznetzov, 1991**

Eudorylas mongolorum Kuznetzov, 1990b: 390. - T.l.: Mongolia, Selenge Prov., 25 km E Darchan. - T.d.: ZISP.

ssp. ***mongolorum*** s.str.

DISTRIBUTION. Palaearctic: MO.

ssp. ***gobiensis*** Kuznetzov, 1991

Eudorylas mongolorum gobiensis Kuznetzov, 1990b: 393. - T.l.: Mongolia, S Gobi Prov., Lake Bayan-Tuchum, 30 km WNW Bayan-Dalaya. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: MO.

***monothrix* (Hardy, 1968)**

Pipunculus Eudorylas monothrix Hardy, 1968: 455. - T.l.: Papua New Guinea, Bismarck Arch., New Britain, Yalom. - T.d.: ZMK.

DISTRIBUTION. Australasian/Oceanian: PNG (Bismarck Arch). Oriental: Philippines, Thailand.

***montanus* (de Meijere, 1914)**

Pipunculus montanus de Meijere, 1914: 171. - T.l.: Indonesia, Java, Wonosobo. - T.d.: ZMA.

DISTRIBUTION. Oriental: Indonesia (Java).

***montium* (Becker, 1898)**

Pipunculus montium Becker, 1898: 50. - T.l.: Switzerland, St. Moritz. - T.d.: MNHU (3 syntypes (Nrs 10769, 10986 & 11000) seen; whereabouts of fourth syntype unknown. Becker also mentions a specimen from Kowarz' collection but does not give a locality; whereabouts unknown).

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, DK, E, GB, I, LAT, N, NL, PL, SLK.

***muiri* (Hardy, 1972)**

Pipunculus Eudorylas muiri Hardy, 1972c: 56. - T.l.: Borneo, W Borneo, Telok Ayer. - T.d.: BPBM (Nr 10254).

DISTRIBUTION. Oriental: Borneo.

***mutillatus* (Loew, 1858)**

Pipunculus mutillatus Loew, 1858: 374 [1860: 355 (as *mutilatus*)]. - T.l.: South Africa "Caffraria". - T.d.: unknown (According to Loew (1858) the specimen was collected by Wahlberg. For the other species described in this article and collected by Wahlberg, the material is in NRS. The *mutillatus* species is however not found there (Persson, letter of 31.VIII.1988 & Viklund, letter of 24.II.1994). The species was also not included in Loew's personal list of identifications (copy sent by Persson).)

Pipunculus kumamotensis Matsumura, 1915: 30 [1916: 380]. - T.l.: Japan, Kyushu, Kumamoto. - T.d.: HUS. - Syn.: Yano *et al.* 1984: 56.

Pipunculus aequalis Becker, 1924: 16. - T.l.: Taiwan, Hokuto. - T.d.: IPE (Sauter's coll.). - Syn.: Hardy, 1968: 456.

Pipunculus matema Curran, 1936: 22. - T.l.: Solomon Is, Santa Cruz Is, Matema I. - T.d.: CAS (Nr 4036). - Syn.: Hardy, 1968: 457.

Dorilas Eudorylas hiatus Hardy, 1956a: 5. - T.l.: Micronesia, Caroline Is, Yap. - T.d.: USNM. - Syn.: Hardy, 1968: 457.

Pipunculus Eudorylas distocruciator Hardy, 1966b: 441. - T.l.: Nepal, E Nepal, Taplejung Distr., Sangu. - T.d.: NHM. - Syn.: Hardy, 1968: 457.

Pipunculus Eudorylas ranikhetiensis Kapoor, Agarwal & Grewal, 1977: 74. - T.l.: India, Uttar Pradesh, Ranikhet, Kumaon Hills. T.d.: probably NPC. - Syn.: Kapoor *et al.*, 1987: 103.

Pipunculus Eudorylas kumaonensis Kapoor, Agarwal & Grewal, 1977: 74. - T.l.: India, Uttar Pradesh, Ranikhet, Kumaon Hills. T.d.: probably NPC. - Syn.: Kapoor *et al.*, 1987: 103.

DISTRIBUTION. Widespread Afrotropical, Oriental, Australasian/Oceanian. Palaearctic: J.

***mutuus* (Hardy, 1968)**

Pipunculus Eudorylas mutuus Hardy, 1968: 458. - T.l.: Papua New Guinea, Bismarck Arch., New Ireland, Lemkamin. - T.d.: ZMK.

DISTRIBUTION. Australasian/Oceanian: PNG (Bismarck Arch).

nasus Morakote & Yano, 1990

Eudorylas nasus Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 302. - T.l.: Japan, Hokkaido, Mt Daisetsu. - T.d.: HUS.

DISTRIBUTION. Palaearctic: J.

natalensis (Hardy, 1949)

Dorilas Eudorylas natalensis Hardy, 1949b: 45. - T.l.: South Africa, Natal, Durban. - T.d.: AMNH.

DISTRIBUTION. Afrotropical: Cameroon, South Africa.

nataliae Kuznetzov, 1990

Eudorylas nataliae Kuznetzov, 1990a: 33. - T.l.: Russia, Far E, S Primorskiy Terr., Vladivostok, Sedanka. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

neimongolanus (Xu & Yang, 1990)

Pipunculus Eudorylas neimongolanus Xu & Yang, 1990: 305. - T.l.: People's Republic of China, Nei Mongol, Xiln Gol L., Taibus B. - T.d.: BAU.

DISTRIBUTION. Palaearctic: PRC.

nemoralis Kozánek, 1993

Eudorylas nemoralis Kozánek, 1993: 43. - T.l.: Slovakia, Nové Mesto nr Váhom, Turecky vrch. - T.d.: SNMB.

DISTRIBUTION. Palaearctic: I, SLK.

nevadaensis (Hardy, 1943)

Dorilas Eudorylas nevadaensis Hardy, 1943: 106. - T.l.: USA, Nevada, Fallon. - T.d.: SEM (Nr 3165).

DISTRIBUTION. Nearctic: USA (NV).

nigellus Rafael, 1991

Eudorylas nigellus Rafael, 1991b: 156. - T.l.: Peru, Huánuco, Tingo Maria, Monson Valley. - T.d.: CAS (Nr 15784).

DISTRIBUTION. Neotropical: Peru.

nigripedes (Hardy, 1954)

Dorilas Eudorylas nigripedes Hardy, 1954a: 32. - T.l.: Brazil, Guanabara, Rio de Janeiro, Grajaú. - T.d.: MNRJ.

DISTRIBUTION. Neotropical: Argentina, Brazil.

nigripes (Loew, 1866)

Pipunculus nigripes Loew, 1866: 176. - T.l.: USA, Pennsylvania. - T.d.: MCZ (Nr 452).

Pipunculus dubius Cresson, 1911: 284. - T.l.: USA, Maine, Capens. - T.d.: MCZ (Nr 7670). - Syn.: Hardy, 1943: 107.

Pipunculus winnemanna Malloch, 1913b: 655. - T.l.: USA, Maryland, Plummers I. - T.d.: USNM (Nr 15309). - Syn.: Hardy, 1943: 107.

DISTRIBUTION. Nearctic: USA (AK, CA, CT, GA, ID, KS, MA, MD, ME, MN, NC, NJ, NY, PA, RI, TN, TX, UT, VA, VT).

nitidifrons (Becker, 1900)

Pipunculus nitidifrons Becker, 1900: 241. - T.l.: Egypt, "Kairo" & "Assiut". - T.d.: NMB (Albrecht, 1990 mentions syntype from this collection. Original description mentions 3 female syntypes but no collection. Kuznetzov (pers. comm.) did not see any material in MNHU).

DISTRIBUTION. Palaearctic: Egypt.

nomurai Morakote & Yano, 1990

Eudorylas nomurai Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 300. - T.l.: Japan, Hokkaido, Kushiro, Mt O-akan, Akankohan. - T.d.: KUF (Nr 2751).

DISTRIBUTION. Palaearctic: J.

nudus (Kertész, 1912)

Dorylas nudus Kertész, 1912: 294. - T.l.: Taiwan, Chip-Chip. - T.d.: unknown (not in TMB according to Dely-Draskovits, letter of 29.XI.1993).

DISTRIBUTION. Oriental: Taiwan.

obliquus Coe, 1966

Eudorylas obliquus Coe, 1966b: 70. - T.l.: Great Britain, England, Kent, Deal. - T.d.: NHM.

DISTRIBUTION. Palaearctic: B, CH, CZ, D, E, GB, I, IRE, Israel (incl. occupied Golan Heights), NL, SLK.

obscurus Coe, 1966

Eudorylas obscurus Coe, 1966b: 74. - T.l.: Great Britain, England, Surrey, Warlingham. - T.d.: NHM.

DISTRIBUTION. Palaearctic: B, CH, CZ, D, E, GB, H, I, LAT, N, NL, S, SLK.

ocularis (Matsumura, 1915)

Pipunculus ocularis Matsumura, 1915: 30. - T.l.: Japan, Hokkaido, Sapporo. - T.d.: HUS.

DISTRIBUTION. Palaearctic: J.

***odontophorus* Rafael, 1995**

Eudorylas odontophorus Rafael, 1995: 815. - T.I.: Brazil, Amazonas, Manaus, reserva Ducke. - T.d.: INPA.
DISTRIBUTION. Neotropical: Brazil, Panama (Canal Zone).

***opacus* (Fallén, 1816)**

Cephalops opacus Fallén, 1816: 15. T.I.: ?Sweden, "Ostrogothia" [no exact locality given for lectotype]. - T.d.: ZML (Nr 2449, lectotype designated by Collin, 1956).
DISTRIBUTION. Palaearctic: CZ, D, S, SF.

***opinatus* (Hardy, 1950)**

Dorilas Eudorylas opinatus Hardy, 1950b: 440. - T.I.: Brazil, São Paulo, Cidade Jardim. - T.d.: MZSP.
DISTRIBUTION. Neotropical: Brazil.

***opiparus* (Hardy, 1954)**

Dorilas Eudorylas opiparus Hardy, 1954a: 34. - T.I.: Brazil, Guanabara, Rio de Janeiro, Itatiaia. - T.d.: MNRJ.
DISTRIBUTION. Neotropical: Argentina, Brazil.

***oppletus* (Collin, 1941)**

Pipunculus oppletus Collin, 1941: 221. - T.I.: Russia, Primorskiy Reg., "Sitza, Sutshan Distr." & "Tigrovaja, Sutshan Distr" [=Partizanskoje Distr. according to Tanasijtshuk, 1988] & Spassk Distr, Jakovlevka. - T.d.: UMO (1 syntype, VC-type 599; cfr Pont, 1995), and ZISP (3 syntypes (1 heavily damaged) from Tigrovaja & 1 syntype from Sitza).
DISTRIBUTION. Palaearctic: RUS.

***optabilis* Kuznetzov, 1990**

Eudorylas optabilis Kuznetzov, 1990a: 45. - T.I.: Russia, S Primorskiy Terr., Kedrovaja padj reserv.. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

***orientalis* (Koizumi, 1959)**

Dorilas Eudorylas orientalis Koizumi, 1959: 43. - T.I.: Japan, Honshu, Okayama Pref., Okayama City, Tsushima. - T.d.: FAOU.
DISTRIBUTION. Palaearctic: J, NK. Oriental: Burma, India, Laos, Philippines, Taiwan, Thailand. Australasian/Oceanian: PNG.

***orthogoninus* (Yang & Xu, 1989)**

Pipunculus Eudorylas orthogoninus Yang & Xu, 1989: 159. - T.I.: People's Republic of China, Shaanxi, Louguantai.
- T.d.: BAU.
DISTRIBUTION. Palaearctic: PRC.

***oscen* Morakote & Yano, 1990**

Eudorylas oscen Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 299. - T.I.: Japan, Hokkaido, Tokachi, Kamishihoro, Nukabira. - T.d.: KUF (Nr 2750).
DISTRIBUTION. Palaearctic: J.

***oshimaensis* Morakote & Yano, 1990**

Eudorylas oshimaensis Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 304. - T.I.: Japan, Amami Is, Amami-Oshima. - T.d.: HUS.
DISTRIBUTION. Palaearctic: J.

***oxianus* Kuznetzov, 1990**

Eudorylas oxianus Kuznetzov, 1990a: 44. - T.I.: Turkmenistan, NW Buchara, Farab. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: TUR.

***pachymerus* Rafael, 1989**

Eudorylas pachymerus Rafael, 1989: 403. - T.I.: Brazil, Amazonas, Rio Solimões, Marchantaria I. - T.d.: INPA.
DISTRIBUTION. Neotropical: Brazil.

***pallidiventris* (de Meijere, 1914)**

Pipunculus pallidiventris de Meijere, 1914: 169. - T.I.: Indonesia, Java, Gunung Gedeh. - T.d.: ZMA.
DISTRIBUTION. Oriental: Indonesia (Java), Taiwan, Thailand, Vietnam.

***pamirorum* Kuznetzov, 1990**

Eudorylas pamirorum Kuznetzov, 1990a: 42. - T.I.: Tajikistan, S Pamir, r. Pjandzh Valley. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: TAJ.

***pannonicus* (Becker, 1898)**

Pipunculus pannonicus Becker, 1898: 51. - T.I.: Roumania, "Herkulesbad" [= Baile Herculane, according to Tanasijtshuk, 1988]. - T.d.: MNHU (2 syntypes on same pin, labelled as 'typus' and from "Herklbd" [abbreviation for Herkulesbad according to Kuznetzov, pers. comm.]. Becker also mentions 1 female specimen from Bezzi's collection and one female specimen from TMB collection but does not indicate any localities for these; whereabouts of these unknown).

DISTRIBUTION. Palaearctic: CR, Egypt, F, H, Israel, R, ?SF.

***paranaensis* Rafael, 1995**

Eudorylas paranaensis Rafael, 1995: 818. - T.I.: Brazil, Parana, São José dos Pinhais, BR 277, km 54, Serra do Mar. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

***pardus* Kuznetzov, 1990**

Eudorylas pardus Kuznetzov, 1990a: 42. - T.I.: Uzbekistan, Chatyrshy, Yargak Prov., NW Buchara. - T.d.: ZISP. DISTRIBUTION. Palaearctic: UZB.

***parens* Kuznetzov, 1990**

Eudorylas parens Kuznetzov, 1990a: 40. - T.I.: Kazakhstan, Kalbinskyj Mt ridge, 15 km N Nikitinki. - T.d.: ZISP. DISTRIBUTION. Palaearctic: KAZ.

***parilis* (Hardy, 1972)**

Pipunculus Eudorylas parilis Hardy, 1972c: 58. - T.I.: Philippines, Mindanao, Basilan. - T.d.: ZMH. DISTRIBUTION. Oriental: Philippines.

***partitus* (Hardy, 1965)**

Pipunculus Eudorylas partitus Hardy, 1965b: 45. - T.I.: Brazil, Minas Gerais, Arceburgo, Fazenda Fortaleza. - T.d.: MZSP.

DISTRIBUTION. Neotropical: Brazil.

***parvifrons* (Loew, 1858)**

Pipunculus parvifrons Loew, 1858: 375 [1860: 356]. - T.I.: South Africa, "Cap." [no exact locality given]. - T.d.: unknown (Contrary to other species described in Loew (1858), this species was apparently not collected by Wahlberg. It does not seem to be present in the NRS collection. The species was also not included in Loew's personal list of identifications from Wahlberg's material (copy sent by Persson)).

DISTRIBUTION. Afrotropical: Ghana, South Africa.

***parvulus* (Wulp, 1898)**

Pipunculus parvulus Wulp, 1898: 424. - T.I.: Papua New Guinea "Seleo, Berlinhafen" [=Aitape, according to Evenhuis, 1989]. - T.d.: unknown (not in TMB according to Dely-Draskovits, letter of 29.XI.1993). DISTRIBUTION. Australasian/Oceanian: PNG.

***pectitibialis* (Hardy, 1954)**

Dorilas Eudorylas pectitibialis Hardy, 1954a: 38. - T.I.: Brazil, Guanabara, Rio de Janeiro, Grajaú. - T.d.: MNRJ. DISTRIBUTION. Neotropical: Argentina, Brazil.

***penai* Rafael, 1995**

Eudorylas penai Rafael, 1995: 820. - T.I.: Chile, Nuble, Chillán, Shangrila. - T.d.: LEP. DISTRIBUTION. Neotropical: Chile.

***pennatus* Kapoor, Grewal & Sharma, 1987**

Eudorylas pennatus Kapoor, Grewal & Sharma, 1987: 106. - T.I.: India, Himachal Pradesh, Dehra Dun. - T.d.: NPC. DISTRIBUTION. Oriental: India.

***peruensis* (Hardy, 1947)**

Dorilas peruensis Hardy, 1947: 147 (n.n. for *umbrinus* Becker). - T.I.: Peru, Cuzco, Callanga. - T.d.: unknown (TMB according to Rafael, 1991b and Kozánek, letter of 28.XI.1993. but not there according to Dely-Draskovits, letter of 29.XI.1993. No type designated, specimen in Berlin according to Hardy 1947).

Pipunculus umbrinus Becker, 1900: 245. [Preocc. Loew, 1858]

DISTRIBUTION. Neotropical: Peru.

***phallophylax* Rafael, 1995**

Eudorylas phallophylax Rafael, 1995: 821. - T.I.: Brazil, Parana, Terra Boa - T.d.: MZSP. DISTRIBUTION. Neotropical: Brazil.

***phatnomus* (Hardy, 1968)**

Pipunculus Eudorylas phatnomus Hardy, 1968: 460. - T.I.: Philippines, Luzon, Mt Makiling. - T.d.: USNM. DISTRIBUTION. Oriental: Philippines, Thailand.

***picrodes* (Perkins, 1905)**

Pipunculus picrodes Perkins, 1905: 145. - T.I.: Australia, New South Wales, Sydney. - T.d.: BPBM (Nr 4214). DISTRIBUTION. Australasian/Oceanian: Australia.

***pinjorensis* Kapoor, Grewal & Sharma, 1987**

Eudorylas pinjorensis Kapoor, Grewal & Sharma, 1987: 107. - T.I.: India, Haryana, Pinjore. - T.d.: NPC. DISTRIBUTION. Oriental: India.

***pinquis* Morakote & Yano, 1990**

Eudorylas pinquis Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 307. - T.I.: Japan, Kyushu, Fukuoka Pref., Mt Hikosan. - T.d.: KUF (Nr 2758).

DISTRIBUTION. Palaearctic: J.

***piriformis* (Xu & Yang, 1990)**

Pipunculus Eudorylas piriformis Xu & Yang, 1990: 305. - T.l.: People's Republic of China, Nei Mongol, Jining. - T.d.: BAU.

DISTRIBUTION. Palaearctic: PRC.

***platytarsis* (Kertész, 1912)**

Dorylas platytarsis Kertész, 1912: 290. - T.l.: Taiwan, Tainan. - T.d.: unknown (not in TMB according to Dely-Draskovits, letter of 29.XI.1993).

DISTRIBUTION. Oriental: Taiwan.

***poantaensis* Kapoor, Grewal & Sharma, 1987**

Eudorylas poantaensis Kapoor, Grewal & Sharma, 1987: 108. - T.l.: India, Uttar Pradesh, Poanta Sahib. - T.d.: NPC. DISTRIBUTION. Oriental: India.

***porrectus* (Hardy, 1949)**

Dorilas Eudorylas porrectus Hardy, 1949b: 51. - T.l.: Ghana, Ashanti, Obuasi. - T.d.: NHM.

DISTRIBUTION. Afrotropical: Ghana, Mozambique, S Africa.

***posticus* (Collin, 1931)**

Pipunculus posticus Collin, 1931a: 59. - T.l.: Chile, Santiago, Los Andes. - T.d.: NHM.

DISTRIBUTION. Neotropical: Chile.

***productus* Morakote & Yano, 1990**

Eudorylas productus Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 310. - T.l.: Japan, Honshu, Fukushima Pref., Mt Abukuma, Iitatemura. - T.d.: KUF (Nr 2762).

DISTRIBUTION. Palaearctic: J.

***pusillus* (Hardy, 1949)**

Dorilas Eudorylas pusillus Hardy, 1949b: 52. - T.l.: South Africa, Natal, National Park. - T.d.: NHM.

DISTRIBUTION. Afrotropical: South Africa.

***quadratus* (Hardy, 1949)**

Dorilas Eudorylas quadratus Hardy, 1949b: 53. - T.l.: South Africa, E Cape Prov., Katberg. - T.d.: NHM.

DISTRIBUTION. Afrotropical: South Africa.

***quadrifidus* Rafael, 1995**

Eudorylas quadrifidus Rafael, 1995: 803. - T.l.: Brazil, Amazonas, Manaus, University campus. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

***quartarius* (Brunetti, 1912)**

Pipunculus quartarius Brunetti, 1912: 493. - T.l.: India, Calcutta. - T.d.: ZSI (Nr 5693/15, badly damaged according Kapoor *et al.*, 1987).

DISTRIBUTION. Oriental: India.

***quasidorsalis* (Hardy, 1961)**

Dorilas Eudorylas quasidorsalis Hardy, 1961: 145. - T.l.: Zaire, Parc National Garamba, "II/fd/18". - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Zaire.

***rectinervis* (Collin, 1941)**

Pipunculus rectinervis Collin, 1941: 222. - T.l.: Russia, "Tigrovaja, Sutshan Distr." & "Spassk Distr., Jakovlevka" [=FE, Maritime Terr., Partizansk (Tigrovoj) and Spassk distrs, according to Pont, 1995]. - T.d.: ZISP (1syntype from Jakovlevka. Syntype from Tigrovaja destroyed and only empty pin remaining.).

DISTRIBUTION. Palaearctic: RUS.

***regalis* (Curran, 1928)**

Pipunculus regalis Curran, 1928b: 43 [not van Duzee, see Arnaud & Owen, 1981]. - T.l.: Puerto Rico, Mayagüez. - T.d.: AMNH.

DISTRIBUTION. Neotropical: Brazil, Peru, Puerto Rico.

***reipublicae* (Walker, 1849)**

Pipunculus reipublicae Walker, 1849: 639. - T.l.: USA, New York. - T.d.: NHM.

Pipunculus albofasciata Hough, 1901: 85. - T.l.: USA, Louisiana, Opelousas. - T.d.: FMC. - Syn.: Cresson, 1912: 456.

DISTRIBUTION. Nearctic: Canada (AL, ON, SA); USA (CT, FL, GA, IA, KS, KY, LA, MA, ME, MI, MN, NC, NJ, NY, OH, OK, PA, RI, TN, VA, VT).

***remiformis* (Hardy, 1962)**

Pipunculus Eudorylas remiformis Hardy, 1962b: 266. - T.l.: Madagascar, C Madagascar, Manjakatompo. - T.d.: NMB.

DISTRIBUTION. Afrotropical: Madagascar.

***remotus* (Hardy, 1972)**

Pipunculus Eudorylas remotus Hardy, 1972c: 60. - T.l.: Thailand, E Thailand, Chanthaburi. - T.d.: BPBM (Nr 10255).

DISTRIBUTION. Oriental: Thailand.

restrictus Coe, 1966

Eudorylas restrictus Coe, 1966b: 70. - T.l.: Great Britain, England, Hereford, Cowburrough Park. - T.d.: NHM.

DISTRIBUTION. Palaearctic: CH, CZ, D, GB, SLK.

revolutus (Yang & Xu, 1989)

Pipunculus Eudorylas revolutus Yang & Xu, 1989: 160. - T.l.: People's Republic of China, Shaanxi, Louguantai. - T.d.: BAU.

DISTRIBUTION. Palaearctic: PRC.

roralis (Kertész, 1915)

Dorylas roralis Kertész, 1915: 389. - T.l.: Taiwan, Tainan. - T.d.: unknown (not in TMB, according to Dely-Draskovits, letter of 29.XI.1993).

DISTRIBUTION. Oriental: India, Laos, Philippines, Taiwan, Thailand, Vietnam. Palaearctic: J.

roseri (Becker, 1898)

Pipunculus roseri Becker, 1898: 45. - T.l.: not given [Germany, ?Stuttgart according to Tanasijtshuk, 1988]. - T.d.: probably SMNS ("Sammlung des naturhistorischen Kabinets in Stuttgart", 5 female syntypes mentioned in original description).

DISTRIBUTION. Palaearctic: D, ?SF.

rubidus (Hardy, 1948)

Dorilas rubidus Hardy, 1948b: 129. - T.l.: Brazil, Santa Catarina, Nova Teutônia. - T.d.: AMNH.

DISTRIBUTION. Neotropical: Brazil.

rubrus (Hardy, 1950)

Dorilas Eudorylas rubrus Hardy, 1950a: 35. - T.l.: Zaire, Parc National Albert, Kivu, Rutshuru, r. Musugereza. - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Zaire.

rudis Morakote & Yano, 1990

Eudorylas rudis Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 292. - T.l.: Japan, Kyushu, Oita Pref.; Mt Kurodake. - T.d.: KUF (Nr 2746).

DISTRIBUTION. Palaearctic: J.

ruralis (Meigen, 1824)

Pipunculus ruralis Meigen, 1824: 22. - T.l.: not given [?Germany, Stolberg according to Tanasijtshuk, 1988]. - T.d.: MNHN (under 1040).

Pipunculus arimasus Becker, 1900: 221. - T.l.: Germany, Dresden. - T.d.: probably MNHU (According to Kuznetzov pers. comm.) 1 heavily damaged specimen in collection labelled 'Typus' but no information regarding locality label. This could be type specimen). - Syn.: Bezzi & Stein, 1907: 159.

DISTRIBUTION. Palaearctic: A, B, BG, CH, CZ, D, Egypt, GB, H, I, Israel, LAT, MO, NL, PL, SLK, Tunisia.

rurestris Kuznetzov, 1990

Eudorylas rurestris Kuznetzov, 1990a: 34. - T.l.: Russia, Siberia, Minussinsk. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

rusticus Kuznetzov, 1990

Eudorylas rusticus Kuznetzov, 1990a: 33. - T.l.: Russia, Ivanovskaja Reg., Kineshma. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

sabroskyi (Hardy, 1943)

Dorilas Eudorylas sabroskyi Hardy, 1943: 112. - T.l.: USA, Michigan, I Royale. - T.d.: MSC.

DISTRIBUTION. Nearctic: USA (MI).

sauteri (Kertész, 1907)

Pipunculus sauteri Kertész, 1907: 580. - T.l.: Taiwan, Takao. - T.d.: unknown (not in TMB, according to Dely-Draskovits, letter of 29.XI.1993).

DISTRIBUTION. Oriental: Taiwan.

scissus (Hardy, 1972)

Pipunculus Eudorylas scissus Hardy, 1972c: 61. - T.l.: Thailand, Khorat Prov., 300 km NE Bangkok, Sakaerat. - T.d.: BPBM (Nr 10256).

DISTRIBUTION. Oriental: Laos, Thailand.

scotinus (Collin, 1931)

Pipunculus scotinus Collin, 1931a: 60. - T.l.: Argentina, Misiones, Bompland. - T.d.: NHM.

DISTRIBUTION. Neotropical: Argentina, Chile.

scutellatus Kapoor, Grewal & Sharma, 1987

Eudorylas scutellatus Kapoor, Grewal & Sharma, 1987: 110. - T.l.: India, Uttar Pradesh, Ranikhet. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

***semiopacus* (Lamb, 1922)**

Pipunculus semiopacus Lamb, 1922: 409. - T.l.: Seychelles Is, Mahé I "at Cascade" & Silhouette I "plateau of Mare aux Cochons". - T.d.: NHM (2 syntypes).

DISTRIBUTION. Afrotropical: Seychelles Is.

***separatus* (Kertész, 1915)**

Dorylas separatus Kertész, 1915: 390. - T.l.: Taiwan, Kankau. - T.d.: unknown (not in TMB according to Dely-Draskovits, letter of 29.XI.1993).

DISTRIBUTION. Oriental: Taiwan.

***setiformis* (Hardy, 1949)**

Dorilas Eudorylas setiformis Hardy, 1949b: 55. - T.l.: Malawi, Mt Mlanje. - T.d.: NHM.

DISTRIBUTION. Afrotropical: Malawi.

***setosilobus* (Hardy, 1972)**

Pipunculus Eudorylas setosilobus Hardy, 1972c: 65. - T.l.: Vietnam, Karyu Danar. - T.d.: BPBM (Nr 10257).

DISTRIBUTION. Oriental: Thailand, Vietnam.

***setosus* (Becker, 1908)**

Pipunculus setosus Becker, 1908: 91. - T.l.: Canary Is, "Teneriffe" & "La Palma" & "Gran Canaria". - T.d.: MNHU (5 syntypes under Nrs 46844, 47081 (2 specimens), 51360 & 51462; original description mentions 4 pairs).

DISTRIBUTION. Palaearctic: Canary Is, E.

***sherloukensis* Kuznetzov, 1990**

Eudorylas sherloukensis Kuznetzov, 1990a: 33. - T.l.: Turkmenistan, C Kopet-Dag, Kuruhaudan, r. Sherlouk. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TUR.

***similis* (Hardy, 1950)**

Dorilas Eudorylas similis Hardy, 1950b: 443. - T.l.: Brazil, São Paulo, Peruibe. - T.d.: MZSP.

DISTRIBUTION. Neotropical: Brazil.

***sinaiensis* De Meyer, 1995**

Eudorylas sinaiensis De Meyer, 1995b: 294. - T.l.: Egypt, Sinai, Ofira. - T.d.: TAU.

DISTRIBUTION. Palaearctic: Egypt.

***sinuosus* (Hardy, 1949)**

Dorilas Eudorylas sinuosus Hardy, 1949b: 56. - T.l.: South Africa, Durban, Umbilo. - T.d.: NHM.

DISTRIBUTION. Afrotropical: South Africa.

***slovacus* Kozánek, 1993**

Eudorylas slovacus Kozánek, 1993: 45. - T.l.: Slovakia, C. Slovakia, Hradová. - T.d.: SNMB.

DISTRIBUTION. Palaearctic: D, H, SLK.

***soccatus* Kuznetzov, 1990**

Eudorylas soccatus Kuznetzov, 1990a: 35. - T.l.: Azerbaijan, Talysh, Lerik area, Kalabin. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: AZE.

***sordidatus* (Hardy, 1950)**

Dorilas Eudorylas sordidatus Hardy, 1950a: 36. - T.l.: Zaire, Parc National Albert, Kivu, Kinyamahura, Djomba. - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Burundi, Zaire.

***souzalopesi* Rafael & Rosa, 1990**

Eudorylas souzalopesi Rafael & Rosa, 1990: 453. - T.l.: Brazil, Roraima, Pacaraima. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

***spinithibialis* (Hardy, 1954)**

Dorilas Eudorylas spinithibialis Hardy, 1954a: 44. - T.l.: Brazil, Guanabara, Rio de Janeiro. - T.d.: MNRJ.

Dorilas Eudorylas ventosus Hardy, 1954a: 47. - T.l.: Brazil, Guanabara, Rio de Janeiro, Rezende. - T.d.: USNM. -

Syn.: Hardy, 1966a: 6.

DISTRIBUTION. Neotropical: Argentina, Bolivia, Brazil.

***stainsi* (Hardy, 1943)**

Dorilas Eudorylas stainsi Hardy, 1943: 113. - T.l.: USA, Utah, Brigham Canyon. - T.d.: SEM (Nr 3170; not USAC as stated in original description).

DISTRIBUTION. Nearctic: USA (CA, UT).

***stackelbergi* Kuznetzov, 1990**

Eudorylas stackelbergi Kuznetzov, 1990a: 36. - T.l.: Tajikistan, Rushan Mt ridge, r. Pjandzh, env. Voznaut. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TAJ.

***stigmaticus* (Malloch, 1913)**

Pipunculus stigmatica Malloch, 1913a: 294. - T.l.: Canada, British Columbia, Kaslo. - T.d.: USNM (Nr 14802).

ssp. ***stigmaticus*** s.str.

DISTRIBUTION. Nearctic: Canada (BC, QU); USA (MI, VA).

ssp. ***brachystigmaticus*** (Hardy & Knowlton, 1939)

Pipunculus brachystigmaticus Hardy & Knowlton, 1939a: 90. - T.l.: USA, Utah, Logan Canyon. - T.d.: USAC.

DISTRIBUTION. Nearctic: USA (UT).

***straeleni* (Janssens, 1955)**

Pipunculus Eudorylas? *straeleni* Janssens, 1955: 3. - T.l.: Greece, Drakia, Khani Zisi, W slope of Mt Pelion. - T.d.: KBIN.

DISTRIBUTION. Palaearctic: GR.

***straminipes* (Becker, 1900)**

Pipunculus straminipes Becker, 1900: 225. - T.l.: Italy, Sondrio. - T.d.: unknown ("Sammlung des Prof. Bezzii", not in MCSN acc. to Leonardi, letter of 24.II.1994).

DISTRIBUTION. Palaearctic: I.

***subfascipes* Collin, 1956**

Eudorylas subfascipes Collin, 1956: 166. - T.l.: Great Britain, England, Cambs, Kirtling, Prospect Villa. - T.d.: UMO (VC-type 769).

DISTRIBUTION. Palaearctic: B, CH, CZ, D, GB, J, LAT, MO, N, NL, PL, S, SLK.

***subligo* Morakote & Yano, 1990**

Eudorylas subligo Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 307. - T.l.: Japan, Honshu, Niigata Pref., Asahi-mura, Boudo-toge. - T.d.: KUF (Nr 2757).

DISTRIBUTION. Palaearctic: J.

***subruralis* Kozánek & Kwon, 1991**

Eudorylas subruralis Kozánek & Kwon, 1991b: 162. - T.l.: North Korea, Ryongaksan Mts, 10 km W P'yongyang. - T.d.: SNMB.

DISTRIBUTION. Palaearctic: NK.

***subterminalis* Collin, 1956**

Eudorylas subterminalis Collin, 1956: 166. - T.l.: Sweden, Skåne, Ystad & Skåne, "Vånga - Nytorp" & Ostergötland & Great Britain, England, Sussex, Three Bridges & Hereford, Tarrington & Staffs, Bagot's Park. - T.d.: UMO (VC-type 762; 2 syntypes) & NHM (2 syntypes) (cfr Pont, 1995) & ZML (Nr 1771, 7 syntypes cfr. Pont, 1995. One of these syntypes (Collin's Nr 124 of Zetterstedt's Dipt. Scand. Collection, and referred to as the male without head from Ostrogothia) is apparently the sole remaining syntype for *E. fascipes* according to Danielsson in letter of 6.X.1993 to Pont).

DISTRIBUTION. Palaearctic: A, B, BG, CH, CZ, D, F, GB, H, I, LAT, MO, NL, R, S, SLK, YU.

***subvaralis* (Hardy, 1972)**

Pipunculus Eudorylas subvaralis Hardy, 1972c: 66. - T.l.: Philippines, Luzon, Manila. - T.d.: ZMH.

DISTRIBUTION. Oriental: Philippines.

***sulcatus* (Becker, 1898)**

Pipunculus sulcatus Becker, 1898: 57. - T.l.: Croatia, Dalmatia, "Fort Opus an der Narentamündung". - T.d.: MNHU (Nr 22931, labelled 'typus' and from "Dalmatien", collected on 25.V. though no further specification of locality. Additional specimen, Nr 61001, labelled 'typus' from "Laruns" does not belong to type series, but was mentioned in Becker, 1921a).

DISTRIBUTION. Palaearctic: B, CR, D, DK, S.

***suwai* Morakote & Yano, 1990**

Eudorylas suwai Morakote & Yano in Morakote, Hirashima & Yano, 1990a: 303. - T.l.: Japan, Hokkaido, Sapporo, Nopporo. - T.d.: HUS.

DISTRIBUTION. Palaearctic: J.

***tadzhikorum* Kuznetsov, 1990**

Eudorylas tadzhikorum Kuznetsov, 1990a: 36. - T.l.: Tajikistan, r. Varzob Valley, Kondara Canyon. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TAJ.

***tanasijtshuki* Kuznetsov, 1990**

Eudorylas tanasijtshuki Kuznetsov, 1990a: 38. - T.l.: Kazakhstan, 12 km E Przhevalsk, env. Teploklyutshenki. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: KAZ.

***tanycerus* Rafael, 1991**

Eudorylas tanycerus Rafael, 1991b: 160. - T.l.: Peru, Huánuco, Tingo Maria, Monson Valley. - T.d.: CAS (Nr 15785).

DISTRIBUTION. Neotropical: Peru.

***tarsalis* (Banks, 1911)**

Pipunculus tarsalis Banks in Cresson, 1911: 309. - T.I.: USA, New York, Ithaca. - T.d.: MCZ (Nr 13563).

DISTRIBUTION. Nearctic: USA (AZ, KS, MI, MN, NY, PA, VA).

***terminalis* (Thomson, 1870)**

Pipunculus terminalis Thomson, 1870: 115. - T.I.: Sweden, Skåne, Ystad. - T.d.: ZML (Nr 2455, lectotype designated by Collin, 1956 from Roth's collection).

Pipunculus vulgatissimus Becker in litt., apud Strobl, 1900: 584.

DISTRIBUTION. Palaearctic: A, B, BG, CH, CZ, D, DK, E, F, GB, H, I, LAT, NL, PL, S, SF, SLK, YU.

***terraboensis* Rafael, 1995**

Eudorylas terraboensis Rafael, 1995: 829. - T.I.: Brazil, Parana, Terra Boa. - T.d.: INPA.

DISTRIBUTION. Neotropical: Brazil.

***thekkadiensis* Kapoor, Grewal & Sharma, 1987**

Eudorylas thekkadiensis Kapoor, Grewal & Sharma, 1987: 111. - T.I.: India, Kerala, Thekkady. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

***tibiatus* Kapoor, Grewal & Sharma, 1987**

Eudorylas tibiatus Kapoor, Grewal & Sharma, 1987: 113. - T.I.: India, Himachal Pradesh, Mashobra. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

***titanus* Kuznetzov, 1990**

Eudorylas titanus Kuznetzov, 1990a: 35. - T.I.: Russia, Amur Reg., Klimoutzi, 40 km W Svobodnogo. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

***totoflavus* (Hardy, 1972)**

Pipunculus Eudorylas totoflavus Hardy, 1972c: 67. - T.I.: Philippines, Luzon, Laguna, Mt Makiling, Mud Spring. - T.d.: BPBM (Nr 10258).

DISTRIBUTION. Oriental: Philippines.

***totoniger* (Hardy, 1968)**

Pipunculus Eudorylas totoniger Hardy, 1968: 463. - T.I.: Papua New Guinea, Bismarck Arch., New Ireland, Lemkamin. - T.d.: ZMK.

DISTRIBUTION. Australasian/Oceanian: PNG (Bismarck Arch).

***trapezoides* (Becker, 1900)**

Pipunculus trapezoides Becker, 1900: 223. - T.I.: "Borgo-Prud, Ungarn" [= Prundul-Birgaui, Roumania according to Tanasijtshuk, 1988]. - T.d.: unknown (not in TMB according to Dely-Draskovits, letter of 29.XI.1993).

DISTRIBUTION. Palaearctic: H, R.

***trigonus* (Becker, 1921)**

Pipunculus trigonus Becker, 1921a: 130. - T.I.: Greece, Korfu I. - T.d.: MNHU (Nr 50275).

DISTRIBUTION. Palaearctic: GR.

***triplex* (Becker, 1921)**

Pipunculus tripes Becker, 1921a: 129. - T.I.: Italy, Capri I. - T.d.: MNHU (Nr 53990).

DISTRIBUTION. Palaearctic: I.

***trochanteratus* (Becker, 1900)**

Pipunculus trochanteratus Becker, 1900: 221. - T.I.: Egypt, "Assiut", "Luxor", & "Ob. Aegypten". - T.d.: MNHU (1 syntype, Nr 44461, from "Assiut" and labelled 'Typus'. Whereabouts of other syntypes unknown).

DISTRIBUTION. Palaearctic: Algeria, Egypt, Israel, ?SF.

***tropidoapex* (Hardy, 1965)**

Pipunculus Eudorylas tropidoapex Hardy, 1965b: 55. - T.I.: Brazil, São Paulo, Campos do Jordão. - T.d.: MZSP.

DISTRIBUTION. Neotropical: Brazil.

***tshatkalensis* Kuznetzov, 1990**

Eudorylas tshatkalensis Kuznetzov, 1990a: 35. - T.I.: Uzbekistan, over Auyrahmet, r. Tshatkal Valley. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: KIR, UZB.

***tshuki* Kuznetzov, 1990**

Eudorylas tshuki Kuznetzov, 1990a: 38. - T.I.: Kazakhstan, 12 km E Przhevalsk, env. Teploklyutsheni. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: KAZ.

***tuberculatus* Kapoor, Grewal & Sharma, 1987**

Eudorylas tuberculatus Kapoor, Grewal & Sharma, 1987: 114. - T.I.: India, Himachal Pradesh, Dharampur. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

***turneri* (Hardy, 1949)**

Dorilas Eudorylas turneri Hardy, 1949b: 58. - T.I.: South Africa, Cape Prov., Capetown, Milnerton. - T.d.: NHM.

DISTRIBUTION. Afrotropical: South Africa.

uki Kuznetsov, 1990

Eudorylas uki Kuznetsov, 1990a: 38. - T.l.: Kazakhstan, Alma-Ata res., r. Pravij Talgar. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: KAZ.

umbrinus (Loew, 1858)

Pipunculus umbrinus Loew, 1858: 374 [1860: 354]. - T.l.: South Africa, "Caffraria". - T.d.: NRS.
DISTRIBUTION. Afrotropical: South Africa.

unanimus (Hardy, 1949)

Dorilas Eudorylas unanimus Hardy, 1949c: 4. - T.l.: Zaire, Rutshuru. - T.d.: KBIN.
DISTRIBUTION. Afrotropical: Burundi, Zaire.

unicolor (Zetterstedt, 1844)

Pipunculus unicolor Zetterstedt, 1844: 954. - T.l.: Sweden, Gotland. - T.d.: ZML (Nr 2444, lectotype designated by Collin, 1956).
DISTRIBUTION. Palaearctic: A, BG, CH, D, GB, H, LAT, PL, S, ?SF.

uniformis (Brunetti, 1917)

Pipunculus uniformis Brunetti, 1917: 82. - T.l.: India, Himachal Pradesh, Shimla. - T.d.: NHM (not NPC as indicated in original description).
DISTRIBUTION. Oriental: Burma, India.

uzbekistanus Kozánek, 1988

Eudorylas uzbekistanus Kozánek, 1988: 945. - T.l.: Uzbekistan, Kizil-kir, 50 km NW Buchara. - T.d.: SNMB.
DISTRIBUTION. Palaearctic: UZB.

venezuelensis Rafael, 1995

Eudorylas venezuelensis Rafael, 1995: 830. - T.l.: Venezuela, Aragua, Rancho Grande, Henry Pittier Nat. Park. - T.d.: CAS (Nr 15786).
DISTRIBUTION. Neotropical: Venezuela.

vicarius (Hardy, 1949)

Dorilas Eudorylas vicarius Hardy, 1949b: 60. - T.l.: Malawi, Cholo. T.d.: NHM.
DISTRIBUTION. Afrotropical: Madagascar, Malawi.

vidali Rafael, 1995

Eudorylas vidali Rafael, 1995: 831. - T.l.: Brazil, Amazonas, Manaus, University campus. - T.d.: INPA.
DISTRIBUTION. Neotropical: Brazil.

vierecki (Malloch, 1913)

Pipunculus vierecki Malloch, 1913b: 654. - T.l.: USA, Maryland, Plummers I. - T.d.: USNM (Nr 15272).
DISTRIBUTION. Nearctic: USA (MA, MD, NC, TX).

vicinus Kozánek, 1992

Eudorylas vicinus Kozánek, 1992: 4. - T.l.: Mongolia, C Prov., 11km ESE Somon Bajanzogt. - T.d.: TMB.
DISTRIBUTION. Palaearctic: MO.

willistoni (Kertész, 1900)

Pipunculus willistoni Kertész, 1900a: 244 (n.n. for *aculeatus* Williston). - T.l.: Mexico, Tabasco, Teapa. - T.d.: NHM (presumably lost according to Wyatt, letter of 24.VIII.1993).

Pipunculus aculeatus Williston, 1896: 351. [Preocc. Loew, 1858]
DISTRIBUTION. Neotropical: Costa Rica, Mexico, St Vincent.

wittei (Hardy, 1950)

Dorilas Eudorylas wittei Hardy, 1950a: 39. - T.l.: Rwanda, Kundhuru ya Tshuve, Gahinga-Sabinyo. - T.d.: KMMA.
DISTRIBUTION. Afrotropical: Rwanda, Zaire.

wygodzinskyi Rafael, 1995

Eudorylas wygodzinskyi Rafael, 1995: 833. - T.l.: Trinidad, Arima Valley. - T.d.: AMNH.
DISTRIBUTION. Neotropical: Trinidad.

zaitzevi Kuznetsov, 1993

Eudorylas zaitzevi Kuznetsov, 1993f: 201. - T.l.: Tajikistan, W Pamyr, 30km NE Vantsh. - T.d.: ZISP.
DISTRIBUTION: Palaearctic: TAJ.

zanclus Rafael, 1993

Eudorylas zanclus Rafael, 1993: 761. - T.l.: Mexico, Sinaloa, El alamo, Municipio Sinaloa. - T.d.: CAS (Nr 15787).
DISTRIBUTION: Neotropical: Mexico.

zermattensis (Becker, 1898)

Pipunculus zermattensis Becker, 1898: 77. - T.l.: Switzerland, Zermatt. - T.d.: MNHU (Nr 19745).
DISTRIBUTION. Palaearctic: A, B, CH, D, DK, F, GB, H. Israel (incl. occupied Golan Heights), LAT, NL, S, SLK, YU.

***zonatus* (Zetterstedt, 1849)**

Pipunculus zonatus Zetterstedt, 1849: 3206. - T.l.: Germany, Glogau. - T.d.: ZML (Nr 2447, lectotype designated by Collin, 1956).

Pipunculus distinctus Becker, 1921a: 128. - T.l.: Russia, S. Ural, Slatoust. - T.d.: MNHU (Nr 58201). - Syn.: Collin, 1956: 168.

DISTRIBUTION. Palaearctic: A, B, BG, CH, CZ, D, DK, E, GB, I, IRE, LAT, NL, PL, S, SF, SLK, YU.

***zonellus* Collin, 1956**

Eudorylas zonellus Collin, 1956: 169. - T.l.: "Scania, Lindholmen" & Great Britain, England, Hants, Lyndhurst & Gloucs, Forest of Dean & Czech Republic, Eger [=Cheb]. - T.d.: UMO (VC-type 770, 5 syntypes; cfr Pont, 1995) & ZML (Nr 2450, 1 syntype according to Danielsson in letter of 22.X.1993).

DISTRIBUTION. Palaearctic: A, B, BG, CH, CR, CZ, D, GB, I, LAT, NL, PL, S, SLK.

nomen nudum***abrogatus* Collin, 1956**

Eudorylas abrogatus Collin, 1956: 153, 168. - see Pont, 1995 for further details on unavailability and identity.

***Metadorylas* Rafael, 1987**

Metadorylas Rafael, 1987b: 35. Type species: *Pipunculus schreiteri* Shannon, 1927, by original designation.

***absonditus* (Hardy, 1954)**

Dorilas Eudorylas absonditus Hardy, 1954a: 14. - T.l.: Brazil, Guanabara, Rio de Janeiro, Grajaú. - T.d.: MNRJ.

DISTRIBUTION. Neotropical: Brazil.

***barueriensis* (Hardy, 1965)**

Pipunculus Eudorylas barueriensis Hardy, 1965b: 31. - T.l.: Brazil, São Paulo, Barueri. - T.d.: MZSP.

DISTRIBUTION. Neotropical: Brazil.

***boliviensis* Rafael, 1990**

Metadorylas boliviensis Rafael, 1990c: 134. - T.l.: Bolivia, Beni, Rio Itenez at mouth of Rio Baures. - T.d.: AMNH.

DISTRIBUTION. Neotropical: Bolivia.

***caudatus* (Cresson, 1911)**

Pipunculus caudatus Cresson, 1911: 289. - T.l.: USA, New York, Long I, Sea Cliff. - T.d.: MCZ (Nr 13573).

Pipunculus discolor Banks in Cresson, 1911: 290. - T.l.: USA, New York, Ithaca. - T.d.: MCZ (Nr 13564). - Syn.: Hardy, 1965c: 553.

DISTRIBUTION. Nearctic: Canada (BC, ON, QU); USA (AZ, CA, IA, KS, MA, ME, MI, NJ, NM, NY, OH, PA, UT, VA). Neotropical: Mexico.

***chilensis* Rafael, 1990**

Metadorylas chilensis Rafael, 1990c: 136. - T.l.: Chile, Nuble, Chillan, Las Trancas. - T.d.: LEP.

DISTRIBUTION. Neotropical: Chile.

***concolor* Rafael, 1990**

Metadorylas concolor Rafael, 1990c: 138. - T.l.: Brazil, Paraná, Curitiba. - T.d.: UFDP.

DISTRIBUTION. Neotropical: Brazil.

***cressoni* (Johnson, 1919)**

Pipunculus cressoni Johnson, 1919: 433. - T.l.: Jamaica, Montego Bay. - T.d.: MCZ (Nr 7675).

DISTRIBUTION. Neotropical: Bahamas, Dominican Rep., Jamaica.

***disgregus* (Hardy, 1965)**

Pipunculus Eudorylas disregus Hardy, 1965a: 213. - T.l.: Argentina, Tucumán Burruyacu, Villa Padre Monti. - T.d.: IZML.

DISTRIBUTION. Neotropical: Argentina.

***dominicensis* Scarbrough & Knutson, 1989**

Metadorylas dominicensis Scarbrough & Knutson, 1989: 531. - T.l.: Dominica, West I, Clarke Hall. - T.d.: USNM.

DISTRIBUTION. Neotropical: Dominica, Dominican Rep..

flavitibia Rafael, 1990

Metadorylas flavitibia Rafael, 1990c: 143. - T.I.: Chile, Nuble, Las Trancas. - T.d.: LEP.
DISTRIBUTION. Neotropical: Chile.

fritzi Rafael, 1990

Metadorylas fritzi Rafael, 1990c: 144. - T.I.: Brazil, Santa Catarina, Nova Teutônia. - T.d.: MZSP.
DISTRIBUTION. Neotropical: Brazil.

fuscitibia Rafael, 1990

Metadorylas fuscitibia Rafael, 1990c: 145. - T.I.: Chile, Nuble, Las Trancas. - T.d.: LEP.
DISTRIBUTION. Neotropical: Chile.

gratiosus (Kertész, 1915)

Dorylas gratiosus Kertész, 1915: 391. - T.I.: Paraguay [no exact locality given; "Paraguay, Fiebrig" indicated on original label according to Kozánek in letter of 28.XI.1993]. - T.d.: TMB (confirmed by Kozánek in letter of 28.XI.1993).
DISTRIBUTION. Neotropical: Paraguay.

lepus Rafael, 1990

Metadorylas lepus Rafael, 1990c: 147. - T.I.: Brazil, Paraná, Curitiba. - T.d.: UFDP.
DISTRIBUTION. Neotropical: Brazil.

occultus (Hardy, 1950)

Dorilas Eudorylas occultus Hardy, 1950b: 440. - T.I.: Brazil, São Paulo, Campos do Jordão. - T.d.: MZSP.
DISTRIBUTION. Neotropical: Brazil.

schreiteri (Shannon, 1927)

Pipunculus schreiteri Shannon, 1927: 37. - T.I.: Argentina, Tucumán, Raco. - T.d.: USNM (Nr 40821).
DISTRIBUTION. Neotropical: Argentina, Brazil.

simulator (Collin, 1931)

Pipunculus simulator Collin, 1931a: 56. - T.I.: Chile, Chiloe I, Ancud. - T.d.: NHM.
DISTRIBUTION. Neotropical: ?Bolivia, Chile.

spinosus (Hardy, 1948)

Dorilas Eudorylas spinosus Hardy, 1948c: 4. - T.I.: Costa Rica, Hamburg Farm. - T.d.: MCZ (Nr 27701).
DISTRIBUTION. Neotropical: Argentina, Brazil, Colombia, Costa Rica, Ecuador, Grenada, Mexico, Trinidad.

subjectus (Collin, 1931)

Pipunculus subjectus Collin, 1931b: 171. - T.I.: Bolivia, Tarija, Villa Montes. - T.d.: NHM (lectotype, designated by Rafael, 1987b).
DISTRIBUTION. Neotropical: Argentina, Bolivia, Peru.

subopacus (Loew, 1866)

Pipunculus subopacus Loew, 1866: 176. - T.I.: USA, Washington. - T.d.: MCZ (Nr 216).

ssp. ***subopacus*** s.str.

B. confraternus Banks in Cresson, 1911: 285 ('B', printing error, presumably under *Pipunculus*). - T.I.: USA, New York, Long Island, Sea Cliff. - T.d.: MCZ (Nr 13566). - Syn.: Hardy, 1943: 117.

Pipunculus occidentalis Malloch, 1913a: 291. - T.I.: Canada, Alberta, Medicine Hat. - T.d.: USNM (Nr 14800). - Syn.: Hardy, 1943: 117.

DISTRIBUTION. Nearctic: Canada (AL); USA (CT, KS, MA, MI, MN, NC, ND, NH, NM, NY, VA, WY).
Neotropical: Colombia, Mexico, Peru.

ssp. ***industrius*** (Knab, 1915)

Pipunculus industrius Knab, 1915: 83. - T.I.: USA, California, King City. - T.d.: USNM (Nr 19163).

Pipunculus confraternus var. *melanis* Hardy & Knowlton, 1939b: 113. - T.I.: USA, Utah, Chicken Creek Reservoir. - T.d.: USNM. - Syn.: Hardy, 1943: 119.

DISTRIBUTION. Nearctic: Canada (BC, MA, ON, QU, SA); USA (AZ, CA, CO, IA, ID, IL, KS, MI, MN, MT, NM, NV, OH, SD, TX, UT, WY).

tucumanus (Shannon, 1927)

Pipunculus tucumanus Shannon, 1927: 37. - T.I.: Argentina, Tucumán, Quebrada de Lules. - T.d.: USNM (Nr 40819).
DISTRIBUTION. Neotropical: Argentina, Brazil.

Moriparia Kozánek & Kwon, 1991

Moriparia Kozánek & Kwon, 1991a: 77. Type species: *Moriparia nigripennis* Kozánek & Kwon, 1991,
by original designation.

alata Kozánek & Kwon, 1991

Moriparia alata Kozánek & Kwon, 1991a: 77. - T.l.: North Korea, 10km W Pyongyang, Mt Ryongak-san. - T.d.: SNMB.

DISTRIBUTION. Palaearctic: NK.

amica Kozánek & Kwon, 1991

Moriparia amica Kozánek & Kwon, 1991a: 78. - T.l.: North Korea, Kangwon Prov., Kumgang-san Mt, Manmulsang. - T.d.: SNMB.

DISTRIBUTION. Palaearctic: NK.

nigripennis Kozánek & Kwon, 1991

Moriparia nigripennis Kozánek & Kwon, 1991a: 81. - T.l.: North Korea, Paektu-san Mt, Onsupjong. - T.d.: SNMB.

DISTRIBUTION. Palaearctic: NK.

spinosa Kozánek & Kwon, 1991

Moriparia spinosa Kozánek & Kwon, 1991a: 80. - T.l.: North Korea, 10 km W Pyongyang, Mt Ryongak-san. - T.d.: SNMB.

DISTRIBUTION. Palaearctic: NK.

Tribe TOMOSVARYELLINI

Dorylomorpha Aczél, 1939

Dorylomorpha Aczél, 1939a: 22 (*Tomosvaryella* subg.). Type species: *Pipunculus rufipes* Meigen, 1824, by original designation.

Subgenus ***Claraeomorpha*** Kapoor, Grewal & Sharma, 1987

Claraeomorpha Kapoor, Grewal & Sharma, 1987: 67. Type species: *Dorylomorpha* (*Claraeomorpha*) *appendiculata* Kapoor, Grewal & Sharma, 1987, by original designation.

appendiculata Kapoor, Grewal & Sharma, 1987

Dorylomorpha Claraeomorpha appendiculata Kapoor, Grewal & Sharma, 1987: 67. - T.l.: India, Himachal Pradesh, Mashobra. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

Subgenus ***Dorylomima*** Albrecht, 1990

Dorylomima Albrecht, 1990: 65. Type species: *Dorylomorpha burmanica* Albrecht, 1990, by original designation.

abdoflavus Kapoor, Grewal & Sharma, 1987

Dorylomorpha Dorylomorpha abdoflavus Kapoor, Grewal & Sharma, 1987: 69. - T.l.: India, Himachal Pradesh, Kufri. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

burmanica Albrecht, 1990

Dorylomorpha Dorylomima burmanica Albrecht, 1990: 69. - T.l.: Burma, NE Burma, Kambaiti. - T.d.: ZMH.

DISTRIBUTION. Oriental: Burma, Vietnam.

flavoscutellaris Albrecht, 1990

Dorylomorpha Dorylomima flavoscutellaris Albrecht, 1990: 75. - T.l.: Burma, NE Burma, Kambaiti. - T.d.: ZMH.

DISTRIBUTION. Oriental: Burma.

indica Albrecht, 1990

Dorylomorpha Dorylomima indica Albrecht, 1990: 78. - T.l.: India, Uttar Pradesh, Mussoorie. - T.d.: ZMK.

DISTRIBUTION. Oriental: India.

kambaitiensis Albrecht, 1990

Dorylomorpha Dorylomima kambaitiensis Albrecht, 1990: 69. - T.l.: Burma, NE Burma, Kambaiti. - T.d.: NRS.
DISTRIBUTION. Oriental: Burma.

latifrons Hardy, 1972

Dorylomorpha latifrons Hardy, 1972b: 123. - T.l.: Burma, NE Burma, Kambaiti. - T.d.: ZMH.
DISTRIBUTION. Oriental: Burma.

malaisei Albrecht, 1990

Dorylomorpha Dorylomima malaisei Albrecht, 1990: 74. - T.l.: Burma, NE Burma, Kambaiti. - T.d.: ZMH.
DISTRIBUTION. Oriental: Burma.

orientalis Albrecht, 1990

Dorylomorpha Dorylomima orientalis Albrecht, 1990: 68. - T.l.: Burma, NE Burma, Kambaiti. - T.d.: NRS.
DISTRIBUTION. Oriental: Burma.

similis Albrecht, 1990

Dorylomorpha Dorylomima similis Albrecht, 1990: 72. - T.l.: Thailand, Doi Suthep-Pui national Park, Konthathan waterfall area. - T.d.: ZMK.
DISTRIBUTION. Oriental: Thailand.

translucens (de Meijere, 1914)

Pipunculus translucens de Meijere, 1914: 170. - T.l.: Indonesia, Java, Gunung Gedeh. - T.d.: ZMA.
DISTRIBUTION. Oriental: Indonesia (Java).

Subgenus ***Dorylomorpha*** s.str.

Dorylomorpha Aczél, 1939a: 22 (*Tomosvaryella* subg.). Type species: *Pipunculus rufipes* Meigen, 1824, by original designation.

aberrans Albrecht, 1990

Dorylomorpha Dorylomorpha aberrans Albrecht, 1990: 181. - T.l.: Canada, British Columbia, Mission City. - T.d.: CNC (Nr 21069).
DISTRIBUTION. Nearctic: Canada (BC).

aczeli Hardy, 1947

Dorylomorpha rufipes aczeli Hardy, 1947: 147 (n.n. for *minima* Aczél). - T.l.: Hungary, Ugod (original type locality); Hungary, Hortobagy N.P. (neotype locality). - T.d.: TMB lost (Original type material lost according to Albrecht, 1990. Neotype in TMB, designated by Albrecht, 1990).

Tomosvaryella Dorylomorpha rufipes minima Aczél, 1939b: 65. [Preocc. Becker, 1898]
DISTRIBUTION. Palaearctic: A, ?CZ, D, F, H, I, LAT, MO, NL, PL, RUS, SF, ?SLK.

amurensis Albrecht, 1990

Dorylomorpha Dorylomorpha amurensis Albrecht, 1990: 192. - T.l.: Russia, Amur Reg., Zeya. - T.d.: ZMM.
DISTRIBUTION. Palaearctic: RUS.

asiatica Kuznetsov, 1992

Dorylomorpha Dorylomorpha asiatica Kuznetsov, 1992a: 44. - T.l.: Mongolia, C Prov., ENE Dzamryn-Ula Mts, Tola r.. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: MO.

atramontensis (Banks, 1911)

Pipunculus atramontensis Banks in Cresson, 1911: 312. - T.l.: USA, North Carolina, Black Mts, N Fork of Swannanoa r.. - T.d.: MCZ (Nr 13562).
DISTRIBUTION. Nearctic: Canada (ON), USA (MI, NC, WI).

conftracta Kuznetsov, 1993

Dorylomorpha Dorylomorpha conftracta Kuznetsov, 1993a: 64. - T.l.: Russia, Far E, Prymorskiy Terr., Hasan Distr., Ryazanovka. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

confusa (Verrall, 1901)

Pipunculus confusus Verrall, 1901: 114. - T.l.: Great Britain, England, Cambs., Chippenham Fen. - T.d.: UMO (VC-type 41; lectotype, designated by Albrecht, 1990).
DISTRIBUTION. Palaearctic: A, B, BG, CH, CZ, D, DK, EST, F, GB, H, I, LAT, NL, N, PL, RUS, S, SF, SLK, UKR.

extricata (Collin, 1937)

Pipunculus extricatus Collin, 1937: 218. - T.l.: Great Britain, England, Durham, Shotton Wood. - T.d.: UMO (VC-type 565; lectotype, designated by Albrecht, 1990).

Tomosvaryella Dorylomorpha rufipes insignis Aczél, 1939b: 64. - T.l.: Czech Republic, Szalonca. - T.d.: TMB. - Syn.: Tanasijtshuk, 1988: 241.

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, DK, F, GB, H, KIR, LAT, N, NL, PL, RUS, S, SLK.

extricatoides Albrecht, 1990

Dorylomorpha Dorylomorpha extricatoides Albrecht, 1990: 198. - T.l.: USA, North Carolina, Great Smoky Mt National Park. - T.d.: CNC (Nr 21072).

DISTRIBUTION. Nearctic: USA (NC, TN).

imparata (Collin, 1937)

Pipunculus imparatus Collin, 1937: 216. - T.l.: Great Britain, England, Hants, Lyndhurst. - T.d.: UMO (VC-type 563; lectotype designated by Albrecht, 1990).

Tomosvaryella Dorylomorpha rufipes intermedia Aczél, 1939b: 65. - T.l.: Austria "Rekawinkel". - T.d.: TMB (apparently destroyed according to Albrecht in letter of 7.X.1993.). - Syn.: Albrecht, 1990: 183.

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, EST, F, GB, H, LAT, NL, N, RUS, S, SF, SLK.

improvisa Albrecht, 1990

Dorylomorpha Dorylomorpha improvisa Albrecht, 1990: 185. - T.l.: Canada, Ontario, Ottawa. - T.d.: CNC (Nr 21075).

DISTRIBUTION. Nearctic: Canada (ON).

insulana Kuznetsov, 1993

Dorylomorpha Dorylomorpha insulana Kuznetsov, 1993a: 61. - T.l.: Russia, Far E, Kuril Is, Kunashir I, Mendeleevo. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

kurodakensis Morakote & Yano, 1990

Dorylomorpha kurodakensis Morakote & Yano in Morakote, Hirashima & Yano, 1990b: 365. - T.l.: Japan, Kyushu, Oita Pref., Mt. Kurodake. - T.d.: KUF (Nr. 2766).

DISTRIBUTION. Palaearctic: J.

neglecta Albrecht, 1990

Dorylomorpha Dorylomorpha neglecta Albrecht, 1990: 200. - T.l.: USA, New York, N. Evans. - T.d.: CAS (Nr 16392).

DISTRIBUTION. Nearctic: USA (NY).

rectitermina Morakote & Yano, 1990

Dorylomorpha rectitermina Morakote & Yano in Morakote, Hirashima & Yano, 1990b: 364. - T.l.: Japan, Honshu, Fukushima Pref., Mt. Adatara, Yokomuki. - T.d.: KUF (Nr 2765).

DISTRIBUTION. Palaearctic: J.

rufipes (Meigen, 1824)

Pipunculus rufipes Meigen, 1824: 21. - T.l.: "aus der Baumhauerischen Sammlung" [= W Europe, no exact locality given]. - T.d.: MNHN (under 1037; remainder of syntype according to Collin, 1937. See also Albrecht, 1990: 187).

Pipunculus acuticornis Zeller in litt., apud Zetterstedt, 1849:3207.

Tomosvaryella Dorylomorpha rufipes xanthoceroides Aczél, 1939b: 66. - T.l.: Hungary "Ugod" & Roumania "Mehadia". - T.d.: TMB (apparently destroyed according to Albrecht in letter of 7.X.1993.). - Syn.: Albrecht, 1990: 187.

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, EST, F, GB, H, LAT, PL, SF, SLK, YU.

spinosa Albrecht, 1979

Dorylomorpha spinosa Albrecht, 1979b: 211. - T.l.: Finland, Savonia borealis, Maaninka, Tuovilanlahti. - T.d.: ZMH (Nr 14321, not 1432 as indicated in original description).

ssp. ***spinosa*** s.str.

DISTRIBUTION. Palaearctic: KIR, MO, RUS, SF. Nearctic: Canada (BC).

ssp. ***kamchatkensis*** Albrecht, 1990

Dorylomorpha Dorylomorpha spinosa kamchatkensis Albrecht, 1990: 208. - T.l.: Russia, Kamchatka, Ozjornaja. - T.d.: ZBIT.

DISTRIBUTION. Palaearctic: RUS.

spinulosa Kuznetsov, 1993

Dorylomorpha Dorylomorpha spinulosa Kuznetsov, 1993a: 67. - T.l.: Russia, Far E, S Prymorskiy Terr., Ussuriyskiy Distr., Anysymovka. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

stenozona Hardy, 1972

Dorylomorpha stenozona Hardy, 1972b: 123. - T.l.: Burma, NE Burma, Kambaiti. - T.d.: NHM.

DISTRIBUTION. Oriental: Burma.

valida Morakote & Yano, 1990

Dorylomorpha valida Morakote & Yano in Morakote, Hirashima & Yano, 1990b: 365. - T.l.: Japan, Hokkaido, Kushiro, Mt. O-akan, Akankohan. - T.d.: KUF (Nr 2767).

DISTRIBUTION. Palaearctic: J.

Subgenus ***Dorylomyia*** Albrecht, 1990

Dorylomyia Albrecht, 1990: 78. Type species: *Tomosvaryella Dorylomorpha incognita beckeri* Aczél, 1939b, by original designation.

abdochaetus Kapoor, Grewal & Sharma, 1987

Dorylomorpha Dorylomorpha abdochaetus Kapoor, Grewal & Sharma, 1987: 68. - T.l.: India, Himachal Pradesh, Mashobra. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

alaskensis Albrecht, 1990

Dorylomorpha Dorylomyia alaskensis Albrecht, 1990: 84. - T.l.: USA, Alaska, Umiat. - T.d.: CNC (Nr 21070).

DISTRIBUTION. Nearctic: Canada (BC); USA (AK).

beckeri (Aczél, 1939)

Tomosvaryella Dorylomorpha incognita beckeri Aczél, 1939b: 58. - T.l.: Hungary, "Pessér" [original type locality]; Hungary, Ulsapta [neotype locality]. - T.d.: TMB (lost, neotype in TMB, designated by Albrecht, 1990).

DISTRIBUTION. Palaearctic: A, CH, ?CZ, D, EST, GB, H, LAT, MO, N, RUS, S, SF, ?SLK. Nearctic: Canada (AL, BC, MA, NT, QU, SA, YT); USA (AK, OR, WY).

caudelli (Malloch, 1913)

Pipunculus caudelli Malloch, 1913a: 298. - T.l.: Canada, British Columbia, Kaslo. - T.d.: USNM (Nr 14805).

Dorylomorpha uncinata Hardy, 1943: 142. - T.l.: USA, Nevada, Fallon. - T.d.: SEM (Nr 3187). - Syn.: Albrecht, 1990: 94.

DISTRIBUTION. Nearctic: Canada (AL, BC, ON, QU, YT); USA (CA, CO, ID, UT).

dispar Albrecht, 1990

Dorylomorpha Dorylomyia dispar Albrecht, 1990: 88. - T.l.: USA, Colorado, Boulder, Valmont Butte. - T.d.: CNC (Nr 21071).

DISTRIBUTION. Nearctic: Canada (AL); USA (CO).

exilis (Malloch, 1913)

Pipunculus exilis Malloch, 1913a: 295. - T.l.: Canada, Alberta, Medicine Hat. - T.d.: USNM (Nr 14803).

DISTRIBUTION. Nearctic: Canada (AL, BC, SA, YT), USA (AK, CA, CO, NM, UT, WY).

incognita (Verrall, 1901)

Pipunculus incognitus Verrall, 1901: 113. - T.l.: Austria, "Nied. Österr. Mannhartsberg". - T.d.: UMO (VC-type 40).

DISTRIBUTION. Palaearctic: A, ARM, BG, CZ, F, D, E, GEO, KAZ, KIR, LAT, MO, NL, PI, RUS, ?S, YU.

shatalkini Albrecht, 1990

Dorylomorpha Dorylomyia shatalkini Albrecht, 1990: 99. - T.l.: Russia, Amur Reg., Zeya. - T.d.: ZMM.

DISTRIBUTION. Palaearctic: RUS.

simplex Albrecht, 1990

Dorylomorpha Dorylomyia simplex Albrecht, 1990: 81. - T.l.: Canada, Yukon Territory, La Force. - T.d.: CNC (Nr 21076).

DISTRIBUTION. Nearctic: Canada (AL, MA, YT), USA (CO).

sinensis Xu & Yang, 1990

Dorylomorpha sinensis Xu & Yang, 1990: 306 (as *Dorylonmorpha*) [printing error, correct in English summary]. - T.l.: People's Republic of China, nei Mongol, Jining. - T.d.: BAU.

DISTRIBUTION. Palaearctic: PRC.

tanasijshtuki Albrecht, 1990

Dorylomorpha Dorylomyia tanasijshtuki Albrecht, 1990: 91. - T.l.: Kazakhstan, Alma-Ata Distr., Talgar. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: KAZ, KIR, UZB.

xanthocera (Kowarz, 1887)

Pipunculus xanthocerus Kowarz, 1887: 153. - T.l.: Czech Republic, "A" [=Asch = Aš] & "M" [=Marienbad = Mariánske Lázne, according to Tanasijshtuk, 1988]. - T.d.: UMO (VC-type 878, 2 syntypes according to Pont in letter of 29.X.1993).

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, DK, H, I, LAT, PL, R, RUS, ?S, SF, SLK, UKR, YU.

Subgenus *Dorylomyza* Albrecht, 1990

Dorylomyza Albrecht, 1990: 112. Type species: *Pipunculus xanthopus* Thomson, 1870, by original designation.

albitarsis (Zetterstedt, 1844)

Pipunculus albitarsis Zetterstedt, 1844: 958. - T.l.: Sweden, Medelpad, Kjällsta. - T.d.: ZML (Nr 2446 as holotype). Lectotype designations by Collin, 1956 and Albrecht, 1990 unnecessary according to Danielsson (letter of 22.X.1993) since unicum specimen).

Dorylomorpha ornata Hardy, 1943: 139. - T.l.: Canada, British Columbia, Clinton. - T.d.: CNC (Nr 5209). - Syn.: Albrecht, 1990: 172.

DISTRIBUTION. Palaearctic: B, CH, CZ, D, GB, H, KIR, LAT, MO, NL, N, PL, RUS, S, SF, SLK. Nearctic: Canada (AL, BC, NT, ON, QU), USA (AK, CO, NM, UT).

albrechti Kuznetzov, 1993

Dorylomorpha Dorylomyza albrechti Kuznetzov, 1993a: 49. - T.l.: Russia, West Siberia, Novosibirsk Prov., Zdvynskiy Distr., Tshanovskiy station. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

anderssoni Albrecht, 1979

Dorylomorpha anderssoni Albrecht, 1979b: 217. - T.l.: Sweden, Bohuslän, Havstensund. - T.d.: ZML (Nr 1701).

DISTRIBUTION. Palaearctic: DK, GB, LAT, NL, S, SF.

canadensis Hardy, 1943

Dorylomorpha canadensis Hardy, 1943: 133. - T.l.: Canada, Saskatchewan, Cypress Hills. T.d.: CNC (Nr 5208).

DISTRIBUTION. Nearctic: Canada (AL, BC, MA, NT, ON, SA, YT), USA (AK, CA, CO, MT). Palaearctic: EST, LAT, N, RUS, S, SF.

clavata Albrecht, 1979

Dorylomorpha clavata Albrecht, 1979b: 212. - T.l.: Finland, Savonia borealis, Nilsiä. - T.d.: ZMH (Nr 14323).

DISTRIBUTION. Palaearctic: KAZ, MO, RUS, SF.

clavifemora Coe, 1966

Dorylomorpha clavifemora Coe, 1966b: 46. - T.l.: Great Britain, England, Cambridge, Chippenham Fen. - T.d.: NHM.

DISTRIBUTION. Palaearctic: CZ, H, GB, LAT, N, S, SF, SLK.

clavipes Kuznetzov, 1993

Dorylomorpha Dorylomyza clavipes Kuznetzov, 1993a: 56. - T.l.: Russia, Far E, S Prymorskiy Terr., Anysymovka. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

fennica Albrecht, 1979

Dorylomorpha fennica Albrecht, 1979a: 15. - T.l.: Finland, Nyland, Hangö, Täktom. - T.d.: ZMH.

DISTRIBUTION. Palaearctic: CZ, D, EST, H, KAZ, LAT, S, SF, UKR.

flavolateralis Albrecht, 1990

Dorylomorpha Dorylomyza flavolateralis Albrecht, 1990: 151. - T.l.: Canada, Ontario, Ft. Erie. - T.d.: CAS (Nr 16391).

DISTRIBUTION. Nearctic: Canada (ON, QU), USA (MI, OH).

flavomaculata (Hough, 1901)

Pipunculus flavomacula [sic] Hough, 1901: 85. - T.l.: USA, Massachusetts, Horse Neck Beach. - T.d.: FMC.

DISTRIBUTION. Nearctic: Canada (QU), USA (CA, IA, MA, MI, NH, NC).

fulvitarsis Albrecht, 1990

Dorylomorpha Dorylomyza fulvitarsis Albrecht, 1990: 177. - T.l.: Canada, Ontario, Thornhill. - T.d.: CNC (Nr 21073).

DISTRIBUTION. Nearctic: Canada (ON).

hackmani Albrecht, 1979

Dorylomorpha hackmani Albrecht, 1979b: 212. - T.l.: Finland, Regio Aboënsis, Finby, Förby. - T.d.: ZMH (Nr 14322).

DISTRIBUTION. Palaearctic: N, S, SF.

haemorrhoidalis (Zetterstedt, 1838)

Pipunculus haemorrhoidalis Zetterstedt, 1838: 580. - T.l.: Sweden, Lycksele Lappmark, Brattiksfjäll. - T.d.: ZML

(Nr 2440, lectotype designated by Collin, 1956).

DISTRIBUTION. Palaearctic: DK, EST, LAT, LIT, N, RUS, S, SF, UKR.

hardyi Albrecht, 1990

Dorylomorpha Dorylomyza hardyi Albrecht, 1990: 149. - T.l.: Canada, NW Territory, Yellowknife. - T.d.: CNC (Nr 21074).

DISTRIBUTION. Nearctic: Canada (AL, BC, NE, NT).

hungarica (Aczél, 1939)

Tomosvaryella Dorylomorpha hungarica Aczél, 1939a: 22. - T.l.: Hungary, Keszthely & "Nickelsdorf" [=Comit. Moson, Miklosfalu, according to Tanasijtshuk, 1988]. - T.d.: unknown (According to Albrecht, 1990 syntypes in TMB lost. Remaining female syntype returned to NMW according to Aczél, 1939b, but not found in these collections according to Albrecht in letter of 7.X.1993).

DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, DK, GB, H, LAT, LIT, NL, PL, RUS, S, SLK, UKR.

infirmata (Collin, 1937)

Pipunculus infirmatus Collin, 1937: 214. - T.l.: Great Britain, England, Durham, Shotton Bog. - T.d.: UMO (VC-type 564; lectotype, designated by Albrecht, 1979b).

DISTRIBUTION. Palaearctic: B, CZ, DK, EST, GB, IRE, LAT, NL, N, RUS, S, SF.

karellica Albrecht, 1979

Dorylomorpha karellica Albrecht, 1979b: 214. - T.l.: Russia, Karelia, Leningrad Reg., Pervomaiskoe, Kivennappa. - T.d.: ZMH (Nr 14324).

DISTRIBUTION. Palaearctic: RUS.

koreana Albrecht, 1990

Dorylomorpha Dorylomyza koreana Albrecht, 1990: 163. - T.l.: North Korea, Pyongyang, De-sang san. - T.d.: TMB.

DISTRIBUTION. Palaearctic: NK.

kuznetzovi Kuznetzova, 1992

Dorylomorpha Dorylomorpha kuznetzovi Kuznetzova, 1992: 47. - T.l.: Russia, S Primorskiy Terr., Vladivostok, Sedanka-pereval. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

laticlavia Kuznetzov, 1993

Dorylomorpha Dorylomyza laticlavia Kuznetzov, 1993a: 58. - T.l.: Russia, Far E, Primorskiy Terr., Lazovskiy Nature Reserve, Zvezdotshka. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

lautereri Albrecht, 1990

Dorylomorpha Dorylomyza lautereri Albrecht, 1990: 124. - T.l.: Czech Republic, Moravia, Pasochlavky. - T.d.: MMB.

DISTRIBUTION. Palaearctic: CZ, EST, LAT, LIT, SF, SLK, UKR.

mongolorum Kuznetzov, 1992

Dorylomorpha Dorylomyza mongolorum Kuznetzov, 1992a: 41. - T.l.: Mongolia, Hubsugul Prov., 45km E Tsetsellegsomon. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: MO.

occidens (Hardy, 1939)

Pipunculus atramontensis var. *occidens* Hardy, 1939: 17. - T.l.: USA, Idaho, Potlatch. - T.d.: USNM.

DISTRIBUTION. Nearctic: Canada (AL, BC, NT, ON, QU), USA (AK, ID, NY, WV). Palaearctic: EST, LAT, N, NL, RUS, S, SF.

onegensis Albrecht, 1990

Dorylomorpha Dorylomyza onegensis Albrecht, 1990: 122. - T.l.: Russia, Karelian ASSR, Kolatselkä. - T.d.: ZMH.

DISTRIBUTION. Palaearctic: EST, LAT, RUS, SF.

platystylis Albrecht, 1979

Dorylomorpha platystylis Albrecht, 1979b: 215. - T.l.: Finland, Regio Aboensis, Sammatti. - T.d.: ZMH (Nr 14325).

DISTRIBUTION. Palaearctic: A, CH, CZ, D, EST, LAT, LIT, RUS, S, SF, SLK.

praetermissa Albrecht, 1979

Dorylomorpha praetermissa Albrecht, 1979b: 215. - T.l.: Finland, Nyland, Kyrkslätt, Ingavlsby. - T.d.: ZMH (Nr 14326).

DISTRIBUTION. Palaearctic: ?CZ, D, EST, H, LAT, RUS, S, SF, ?SLK.

sachalinensis Albrecht, 1990

Dorylomorpha Dorylomyza sachalinensis Albrecht, 1990: 160. - T.l.: Russia, Sachalin Reg., Sachalinsk. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

semiclavata Albrecht, 1990

Dorylomorpha Dorylomyza semiclavata Albrecht, 1990: 157. - T.l.: Spain, Huesca, Roncal, r. Esca. - T.d.: NHM.

DISTRIBUTION. Palaearctic: E.

subclavata Albrecht, 1990

Dorylomorpha Dorylomyza subclavata Albrecht, 1990: 155. - T.l.: USA, Ohio, Ashatabula Co., Heartsgrove Township, Crooked Creek Farm. - T.d.: AMNH.
DISTRIBUTION. Nearctic: USA (OH).

tridentata Hardy, 1943

Dorylomorpha tridentata Hardy, 1943: 141. - T.l.; USA, California, Lake Tahoe. - T.d.: SEM (Nr 3186).
DISTRIBUTION. Nearctic: Canada (AL, BC, NE, NT, YT), USA (AK, CA, CO).

ussuriana Kuznetzov, 1993

Dorylomorpha Dorylomyza ussuriana Kuznetzov, 1993a: 53. - T.l.: Russia, Far E, Prymorskiy Terr., Ussuriyskiy Nature Reserve, Komarovka r. valley. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

xanthopus (Thomson, 1870)

Pipunculus xanthopus Thomson, 1870: 111. - T.l.; Sweden, Skåne, Ringsjön [according to Danielsson, letter of 22.10.1993]. - T.d.: ZML (Nr 2453, lectotype designated by Collin, 1956 under Roth's collection).
Pipunculus semimaculatus Becker, 1898: 91. - T.l.: Poland, "Kohlfurter Moor in Schlesien" [= Wegliniec, according to Tanasijtshuk, 1988]. - T.d.: MNHU (according to Albrecht, 1990 one syntype Nr 39904. Becker also mentions specimen from Sondershausen [Germany] in collection of E. Girschner; whereabouts unknown). - Syn.: Bankowska, 1973: 9.
DISTRIBUTION. Palaearctic: A, B, CZ, D, DK, EST, H, GB, IRE, LAT, MO, NL, N, PL, R, RUS, S, SF, SLK.
Nearctic: Canada (AL, BC, NT, YT), USA (AK).

yamagishii Morakote & Yano, 1990

Dorylomorpha yamagishii Morakote & Yano in Morakote, Hirashima & Yano, 1990b: 364. - T.l.: Japan, Honshu, Aichi Pref., Nisshin-cho. - T.d.: MUA.
DISTRIBUTION. Palaearctic: J.

yanoi Morakote, 1990

Dorylomorpha yanoi Morakote in Morakote, Hirashima & Yano, 1990b: 365. - T.l.: Japan, Hokkaido, Kushiro, Mt. O-akan, Akankohan. - T.d.: KUF (Nr 2768).
DISTRIBUTION. Palaearctic: J.

Subgenus ***Pipunculina*** Albrecht, 1990

Pipunculina Albrecht, 1990: 101. Type species: *Pipunculus maculatus* Walker, 1834, by original designation.

borealis (Wahlberg, 1910)

Pipunculus borealis Wahlberg, 1910: 33. - T.l.: Sweden, Lapland. - T.d.: NRS (lectotype, designated by Albrecht, 1990).
Dorylas strandi Duda, 1940: 216. - T.l.: Slovakia "Ludwigstal im Altvatergebirge" [= Hraby Jesenik, according to Tanasijtshuk, 1988]. - T.d.: MNHU (lectotype, designated by Albrecht, 1990). - Syn.: Albrecht, 1990: 105.
DISTRIBUTION. Palaearctic: A, CH, LAT, N, RUS, S, SF, SLK. Nearctic: Canada (AL, NT, QU), USA (AK, CO, UT).

lenkoi Hardy, 1965

Dorylomorpha lenkoi Hardy, 1965b: 60. - T.l.; Brazil, São Paulo, Barueri. - T.d.: MZSP.
DISTRIBUTION. Neotropical: Brazil.

maculata (Walker, 1834)

Pipunculus maculatus Walker, 1834: 264. - T.l.; Great Britain, England, "near London". - T.d.: NHM (probably destroyed, A. Pont in Albrecht, 1990).
Pipunculus lateralis Macquart, 1834: 355. - T.l.; France, Lille. - T.d.: probably MNHN. - Syn.: Zetterstedt, 1844: 961.
Pipunculus fulvipes Macquart, 1834: 355. - T.l.; France, Lille. - T.d.: probably MNHN. - Syn.: Becker, 1898: 87.
Pipunculus annulipes Zetterstedt, 1838: 580. - T.l.; Sweden, b, Töre, Johannes Ro. - T.d.: ZML (Nr 2438, lectotype designated by Collin, 1956). - Syn.: Zetterstedt, 1844: 961.
DISTRIBUTION. Palaearctic: A, CH, CZ, D, DK, EST, F, GB, I, LAT, LIT, N, PL, RUS, S, SF, SLK.

montivaga (Hardy, 1943)

Dorilas Eudorylas montivagus Hardy, 1943: 104. - T.l.; USA, Colorado, Cameron Pass. - T.d.: SEM (Nr 3164; not USAC as stated in original description).
DISTRIBUTION. Nearctic: Canada (AL, BC, CO, QU), USA (CO, ID).

reveloi Hardy, 1963

Dorylomorpha reveloi Hardy, 1963: 259. - T.l.: Colombia, Boyaca, Bonza. - T.d.: USNM.
DISTRIBUTION. Neotropical: Colombia.

incertae sedis

laeta (Becker, 1900)

Pipunculus laetus Becker, 1900: 249. - T.l.: Peru, Cuzco, Callanga. - T.d.: NMB (according to Albrecht, 1990). According to original description material in "Samml. des Ungarn. Nat. Mus."; also type material in MNHU acc. to Schumann, letter of 10.VIII.1993).
DISTRIBUTION. Neotropical: Peru.

Tomosvaryella Aczél, 1939

= *Alloneura* Rondani, 1856: 140. Type species: *Pipunculus flavipes* Meigen, 1824, by monotypy. Suppressed by ICBN 1961:230 (opinion 597).

Tomosvaryella Aczél, 1939a: 22. Type species: *Pipunculus sylvaticus* Meigen, 1824, by original designation.

aegyptium Kuznetzov, 1994

Tomosvaryella aegyptium Kuznetzov, 1994d: 110. - T.l.: Egypt, Assuan. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: Egypt.

aeneiventris (Kertész, 1903)

Pipunculus aeneiventris Kertész, 1903: 468. - T.l.: Sri Lanka, Colombo. - T.d.: unknown (not in TMB according to Dely-Draskovits, letter of 29.XI.1993).
DISTRIBUTION. Oriental: Sri Lanka, Taiwan.

africana Hardy, 1949

Tomosvaryella africana Hardy, 1949b: 66. - T.l.: Namibia, Okahandja. - T.d.: NHM.
DISTRIBUTION. Afrotropical: Botswana, Namibia, South Africa, Madagascar.

agnesaea Hardy, 1940

Tomosvaryella agnesaea Hardy, 1940: 103. - T.l.: USA, Kansas, Lawrence. - T.d.: SEM (Nr 3189).
DISTRIBUTION. Nearctic: USA (AZ, CA, CO, IA, ID, KS, NM, NV, OR, TX, UT, WA).

aliena Hardy, 1947

Tomosvaryella aliena Hardy, 1947: 147 (n.n. for *propinqua* Hardy). - T.l.: Canada, British Columbia, Oliver. - T.d.: SEM (Nr 3203).

Tomosvaryella propinqua Hardy, 1943: 169. [Preocc. Becker, 1913]
DISTRIBUTION. Nearctic: Canada (BC, MA); USA (AZ, CA, CO, KS, MN, NM, NV, TX, UT).

ancylostyla Hardy, 1961

Tomosvaryella ancylostyla Hardy, 1961: 156. - T.l.: Zaire, Parc National de Garamba "PpK/52/g". - T.d.: KMMA.
DISTRIBUTION. Afrotropical: Zaire.

angolensis De Meyer, 1993

Tomosvaryella angolensis De Meyer, 1993b: 52. - T.l.: Angola, 2 mi N Hengue. - T.d.: CAS (Nr 17023).
DISTRIBUTION. Afrotropical: Angola.

anomala Hardy, 1949

Tomosvaryella anomala Hardy, 1949b: 67. - T.l.: South Africa, E Cape Prov., Katberg. - T.d.: NHM.
DISTRIBUTION. Afrotropical: South Africa.

apicalis Hardy, 1949

Tomosvaryella apicalis Hardy, 1949b: 68. - T.l.: South Africa, Cape Prov., Mossel Bay. - T.d.: NHM.
DISTRIBUTION. Afrotropical: South Africa.

appendipes (Cresson, 1911)

Pipunculus appendipes Cresson, 1911: 319. - T.l.: USA, South Carolina, Summerville. - T.d.: ANSP (Nr 5032).
DISTRIBUTION. Nearctic: USA (CA, CO, FL, IA, IL, KS, LA, NV, NC, OH, OK, TN, UT, VA, VT). Neotropical: Mexico.

argentea (Sack, 1935)

Dorylas argenteus Sack, 1935: 16. - T.l.: Turkmenistan, Askhabad. - T.d.: IPE (2 syntypes).
DISTRIBUTION. Palaearctic: TUR.

argentifrons Kuznetsov, 1994

Tomosvaryella argentifrons Kuznetsov, 1994d: 111. - T.l.: Uzbekistan, Buchara, Yargak, nr Chatyrshy. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: UZB.

argenteiventris Kuznetsov, 1994

Tomosvaryella argenteiventris Kuznetsov, 1994d: 114. - T.l.: Mongolia, Bayan-Khongor Prov., Shara-Khulsny-Bulak
spring. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: MO.

argentosa Kuznetsov, 1994

Tomosvaryella argentosa Kuznetsov, 1994d: 115. - T.l.: Mongolia, Gobi-Altai Prov., 15km WNW Dzahoi. - T.d.:
ZISP.
DISTRIBUTION. Palaearctic: MO.

arguta Kuznetsov, 1994

Tomosvaryella arguta Kuznetsov, 1994d: 116. - T.l.: Mongolia, C Prov., SW Ulan-Bator, env. Songino. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: MO.

argyrata De Meyer, 1995

Tomosvaryella argyrata De Meyer, 1995b: 298. - T.l.: Israel, Shivta. - T.d.: TAU.
DISTRIBUTION. Palaearctic: Israel (incl. occupied Golan Heights).

argyratoides De Meyer, 1995

Tomosvaryella argyratoides De Meyer, 1995b: 299. - T.l.: Israel, Avdat. - T.d.: TAU.
DISTRIBUTION. Palaearctic: E, Israel.

armata Hardy, 1940

Tomosvaryella armata Hardy, 1940: 106. - T.l.: USA, Georgia, Griffin. - T.d.: SEM (Nr 3191).
DISTRIBUTION. Nearctic: USA (GA).

armata Kuznetsov, 1994

Tomosvaryella armata Kuznetsov, 1994d: 117. - T.l.: Mongolia, E Gobi Prov., 55km SE Hara-Ayrag - T.d.: ZISP.
DISTRIBUTION. Palaearctic: MO.

At the time of compilation of this catalogue, the author of the junior homonym (Kuznetsov) was probably not aware of the homonymy. It will be left at the author to propose a new name.

baderiensis Kapoor, Grewal & Sharma, 1987

Tomosvaryella baderiensis Kapoor, Grewal & Sharma, 1987: 29. - T.l.: India, Himachal Pradesh, nr Nahan, Badera. -
T.d.: NPC.
DISTRIBUTION. Oriental: India.

basalis Hardy, 1950

Tomosvaryella basalis Hardy, 1950a: 43. - T.l.: Zaire, Parc National Albert, Kivu, Ngesho. - T.d.: KMMA.
DISTRIBUTION. Afrotropical: Zaire.

beameri Hardy, 1940

Tomosvaryella beameri Hardy, 1940: 107. - T.l.: USA, Kansas, Douglas Co.. - T.d.: SEM (Nr 3192).
DISTRIBUTION. Nearctic: USA (KS).

brevidens Kuznetsov, 1994

Tomosvaryella brevidens Kuznetsov, 1994d: 118. - T.l.: Mongolia, Gobi Altai Prov., 25km SE Altay Prov., Yusun-
Bulak - T.d.: ZISP.
DISTRIBUTION. Palaearctic: MO.

bidens (Cresson, 1911)

Pipunculus bidens Cresson, 1911: 320. - T.l.: USA, California, Yosemite Valley. - T.d.: ANSP (Nr 5031).
DISTRIBUTION. Nearctic: USA (CA, FL, KS, NM, OK). Neotropical: Bahamas, Brazil, El Salvador, Mexico.

botswanae De Meyer, 1993

Tomosvaryella botswanae De Meyer, 1993b: 55. - T.l.: Botswana, Swaneng Hill, Farmers Brigade, 5km SE Serowe
Hillside. - T.d.: KBIN.
DISTRIBUTION. Afrotropical: Botswana.

brachybasis De Meyer, 1993

Tomosvaryella brachybasis De Meyer, 1993b: 57. - T.l.: Botswana, Swaneng Hill, Farmers Brigade, 5km SE Serowe
Hillside. - T.d.: KBIN.
DISTRIBUTION. Afrotropical: Botswana, Namibia, South Africa.

***brachyscolops* Hardy, 1961**

Tomosvaryella brachyscolops Hardy, 1961: 157. - T.I.: Zaire, Parc National de Garamba, "II/fd/15". - T.d.: KMMA.
DISTRIBUTION. Afrotropical: Zaire.

***brevijuncta* Hardy, 1943**

Tomosvaryella brevijuncta Hardy, 1943: 155. - T.I.: USA, California, Palm City. - T.d.: SEM (Nr 3194).
DISTRIBUTION. Nearctic: USA (CA).

***bulganensis* Kuznetzov, 1994**

Tomosvaryella bulganensis Kuznetzov, 1994d: 120. - T.I.: Mongolia, Kobdos Prov., 25km N Bulgan, Ulyastayn-Ghol
r.. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: MO.

***caeruleascens* De Meyer, 1993**

Tomosvaryella caeruleascens De Meyer, 1993b: 59. - T.I.: Cameroon, Rt.N4, 120km NW Yaounde. - T.d.: TAU.
DISTRIBUTION. Afrotropical: Cameroon.

***calcarata* Hardy, 1968**

Tomosvaryella calcarata Hardy, 1968: 481. - T.I.: Philippines, Luzon, Mt Prov., Buguias, Abatan, 60 km S Bontoc. -
T.d.: BPBM (Nr 7828).
DISTRIBUTION. Oriental: Laos, Philippines.

***caligata* Hardy, 1968**

Tomosvaryella caligata Hardy, 1968: 481. - T.I.: Philippines, Busuanga, 4 km N San Nicolas. - T.d.: BPBM (Nr
7829).
DISTRIBUTION. Oriental: Laos, Philippines. Palaearctic: J.

***cilifemorata* (Becker, 1907)**

Pipunculus cilifemoratus Becker, 1907: 254. - T.I.: "Tunis". - T.d.: possibly MNHU (1 specimen, Nr 52964, in
collection from "Zaghuan" [= south of Tunis] and labelled 'Typus' could belong to syntype; whereabouts of other
syntypes unknown).

Pipunculus argyrostictus Strobl, 1909: 210. - T.I.: Spain, Monistrol. - T.d.: NMSA. - Syn.: Aczél, 1944: 83.
DISTRIBUTION. Palaearctic: A, BG, CH, E, H, Tunisia.

***cilifera* Kuznetzov, 1994**

Tomosvaryella cilifera Kuznetzov, 1994d: 122. - T.I.: Uzbekistan, Armyanskiy botinok, Chatkal Nature Reserve -
T.d.: ZISP.
DISTRIBUTION. Palaearctic: UZB.

***cilitarsis* (Strobl, 1910)**

Pipunculus cilitarsis Strobl, 1910: 113. - T.I.: Austria, Steiermark. - T.d.: NMSA.

Pipunculus pilitarsis Collin, 1920: 274 [unavailable name; see Pont, 1995 for further details].

Pipunculus forsiusi Frey, 1932: 83. - T.I.: Finland, Viitasaari. - T.d.: ZMH'(lectotype, designated by Kuznetzov,
1993h). - Syn.: Aczél, 1944: 86.
DISTRIBUTION. Palaearctic: A, B, CH, CZ, D, E, EST, GB, I, LAT, LIT, NL, RUS, S, SF.

***claripennis* (Loew, 1858)**

Pipunculus claripennis Loew, 1858: 375 [1860: 356]. - T.I.: South Africa, "Caffraria". - T.d.: NRS.
DISTRIBUTION. Afrotropical: South Africa.

***columbiana* (Kertész, 1915)**

Dorylas columbianus Kertész, 1915: 386 (n.n. for *trochanteratus* Malloch). - T.I.: Canada, British Columbia, Kaslo. -
T.d.: USNM (Nr 14806).

Pipunculus trochanteratus Malloch, 1913a: 297. [Preocc. Becker, 1900]

DISTRIBUTION. Nearctic: Canada (BC).

***comaousa* De Meyer, 1990**

Tomosvaryella comaousa De Meyer, 1990b: 88. - T.I.: Ethiopia, Arusi Prov., Digala, Mt Chillalo. - T.d.: NHM.
DISTRIBUTION. Afrotropical: Ethiopia.

***congoana* Hardy, 1950**

Tomosvaryella congoana Hardy, 1950a: 45. - T.I.: Zaire, Parc National Albert, Katanda. - T.d.: KMMA (holotype
lost, empty pin in collections).

DISTRIBUTION. Afrotropical: Burundi, Comoro Is. South Africa, Zaire, Zambia.

***contorta* (Hardy, 1939)**

Pipunculus contortus Hardy, 1939: 18. - T.I.: USA, Kansas, Douglas Co.. - T.d.: KSC.
DISTRIBUTION. Nearctic: Canada (MA); USA (CA, CO, GA, KS, MN, NV).

***coquilletti* (Kertész, 1907)**

Pipunculus coquilletti Kertész, 1907: 582. - T.I.: USA, New York, Adirondack Mts, Long Lake. - T.d.: TMB.
ssp. *coquilletti* s.str.

Pipunculus proximus Cresson, 1911: 318. - T.l.: USA, Idaho, Troy. - T.d.: ANSP (Nr 5027). - Syn.: Hardy, 1940: 101.

Pipunculus nudus Rapp, 1943b: 223. - T.l.: Canada, Quebec, La Trappe. - T.d.: ANSP (Nr 6673). - Syn.: Hardy, 1947: 146.

DISTRIBUTION. Nearctic, Palaearctic, Oriental: widespread.

ssp. *flaviantenna* Hardy & Knowlton, 1939

Pipunculus proximus var. *flaviantennus* Hardy & Knowlton, 1939b: 118. - T.l.: USA, Utah, Smithfield. - T.d.: USNM.

DISTRIBUTION. Nearctic: USA (ID, UT, WA).

cornuta Kuznetzov, 1994

Tomosvaryella cornuta Kuznetzov, 1994d: 122. - T.l.: Kazakhstan, Atbasar, Kamenskaya steppe. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: KAZ.

crassifemorata De Meyer, 1993

Tomosvaryella crassifemorata De Meyer, 1993b: 64. - T.l.: Kenya, Kwale Distr., Diani Beach. - T.d.: CAS (Nr 17024).

DISTRIBUTION. Afrotropical: Kenya.

curtissima Kuznetzov, 1993

Tomosvaryella curtissima Kuznetzov, 1993e: 163. - T.l.: Kazakhstan, Akmolinsk Prov., Kokshetau Mt nr Tersakkan r.. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: KAZ.

curvipatis Kapoor, Grewal & Sharma, 1987

Tomosvaryella curvipatis Kapoor, Grewal & Sharma, 1987: 38. - T.l.: India, Jumma & Kashmir State, Srinagar. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

debruyni De Meyer, 1995

Tomosvaryella debruyni De Meyer, 1995b: 301. - T.l.: Israel, Ein-Gedi. - T.d.: TAU.

DISTRIBUTION. Palaearctic: Israel., TAJ.

deformis Hardy, 1947

Tomosvaryella deformis Hardy, 1947: 151. - T.l.: USA, Florida, Crestview. - T.d.: AMNH.

DISTRIBUTION. Nearctic: USA (FL).

dehraduniensis Kapoor, Grewal & Sharma, 1987

Tomosvaryella dehraduniensis Kapoor, Grewal & Sharma, 1987: 39. - T.l.: India, Uttar Pradesh, nr Dehra Dun, Sahastradhara. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

demeyeri Kuznetzov, 1993

Tomosvaryella demeyeri Kuznetzov, 1993d: 157. - T.l.: Egypt, Assuan. - T.d.: MNHU (Nr 44609, formerly in syntype series of *T. disjuncta*).

DISTRIBUTION. Palaearctic: Egypt.

denticulata Kapoor, Grewal & Sharma, 1987

Tomosvaryella denticulatus Kapoor, Grewal & Sharma, 1987: 41. - T.l.: India, Punjab, Hoshiarpur, Jahankhelan. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

dentiterebra (Collin, 1949)

Alloneura dentiterebra Collin, 1949: 187. - T.l.: Egypt, "Edku Salt Lake" . - T.d.: NHM (lectotype designated by De Meyer, 1995b).

DISTRIBUTION. Palaearctic: Egypt.

deserticola Kuznetzov, 1993

Tomosvaryella deserticola Kuznetzov, 1993g: 223. - T.l.: Uzbekistan, Kzyl-dzhar, 18km E Kungrad. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: MO, UZB.

disjuncta (Becker, 1900)

Pipunculus disjunctus Becker, 1900: 239. - T.l.: Egypt, Assuan. - T.d.: MNHU (Nr 44578, lectotype designated by Kuznetzov, 1993d).

DISTRIBUTION. Palaearctic: Egypt.

dissimilis Hardy, 1943

Tomosvaryella dissimilis Hardy, 1943: 161. - T.l.: USA, Arizona, Huachuca Mts, Sunnyside Canyon. - T.d.: SEM (Nr 3197).

DISTRIBUTION. Nearctic: USA (AZ, NM). Neotropical: Mexico.

dividua Kuznetzov, 1994

Tomosvaryella dividua Kuznetzov, 1994d: 127. - T.l.: Kazakhstan, Karaganda Prov., 40km S Zhana-Arka - T.d.:

ZISP.

DISTRIBUTION. Palaearctic: KAZ.

docta De Meyer, 1995

Tomosvaryella docta De Meyer, 1995b: 302. - T.l.: Egypt, Sinai Mts, St. Katharina. - T.d.: TAU.

DISTRIBUTION. Palaearctic: E, Egypt, Israel.

epichalca (Perkins, 1905)

Pipunculus epichalcus Perkins, 1905: 150. - T.l.: Australia, Queensland, Cairns. - T.d.: BPBM (Nr 4199).

DISTRIBUTION. Australasian/Oceanian: Australia. Oriental: Cambodia, India, Philippines, Taiwan. Palaearctic: J.

equistylis Kapoor, Grewal & Sharma, 1987

Tomosvaryella equistylis Kapoor, Grewal & Sharma, 1987: 31. - T.l.: India, Punjab, Ajnala. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

eusylvatica Kapoor, Grewal & Sharma, 1987

Tomosvaryella eusylvatica Kapoor, Grewal & Sharma, 1987: 44. - T.l.: India, Jumma & Kashmir State, Srinagar.

T.d.: NPC.

DISTRIBUTION. Oriental: India.

exilidens Hardy, 1943

Tomosvaryella exilidens Hardy, 1943: 162. - T.l.: USA, Arizona, Huachuca Mts, Sunnyside Canyon. - T.d.: SEM (Nr 3198).

DISTRIBUTION. Nearctic: USA (AZ, CA, NM).

falkovitshi Kuznetzov, 1993

Tomosvaryella falkovitshi Kuznetzov, 1993g: 215. - T.l.: Uzbekistan, Zhamansay, Kyzylkum desert. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: UZB.

femella Kuznetzov, 1993

Tomosvaryella femella Kuznetzov, 1993e: 167. - T.l.: Kazakhstan, Aygyr-Kum sands desert, 70km E Zaysan. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: KAZ.

flavicus Hardy, 1968

Tomosvaryella flavicus Hardy, 1968: 483. - T.l.: Philippines, Culion I, 6 km W Culion. - T.d.: BPBM (Nr 7830).

DISTRIBUTION. Oriental: Philippines.

flavipes De Meyer, 1993

Tomosvaryella flavipes De Meyer, 1993b: 65. - T.l.: Madagascar, Behara. - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Madagascar.

flexa Kuznetzov, 1994

Tomosvaryella flexa Kuznetzov, 1994d: 128. - T.l.: Mongolia, E Gobi Prov., 50km ENE Sayan-Shanda - T.d.: ZISP.

DISTRIBUTION. Palaearctic: MO.

floridensis Hardy, 1940

Tomosvaryella floridensis Hardy, 1940: 109. - T.l.: USA, Florida, Hilliard. - T.d.: SEM (Nr 3199).

DISTRIBUTION. Nearctic: USA (FL, GA).

forchhammeri De Meyer, 1993

Tomosvaryella forchhammeri De Meyer, 1993b: 66. - T.l.: Botswana, Swaneng Hill, Farmers Brigade, 5km SE Serowe Hillside. - T.d.: KBIN.

DISTRIBUTION. Afrotropical: Angola, Botswana, Malawi.

freidbergi De Meyer, 1995

Tomosvaryella freidbergi De Meyer, 1995b: 303. - T.l.: Israel, occupied Golan Heights, Mt. Hermon. - T.d.: TAU.

DISTRIBUTION. Palaearctic: E, Egypt, Israel (incl. occupied Golan Heights).

frontata (Becker, 1898)

Pipunculus frontatus Becker, 1898: 87. - T.l.: Roumania, Transsylvania, Sinaja. - T.d.: unknown (only specimen in MNHU is Nr 52828, from "Tunis" and mentioned in Becker, 1907. According to Kuznetzov (pers. comm.) no other specimens in collection).

Pipunculus ornatipes Becker, 1908: 92. - T.l.: Canary Is, Gran Canaria. - T.d.: MNHU (Nr 47723, lectotype designated by Kuznetzov, 1994c). - Syn.: Kuznetzov, 1994c: 105.

DISTRIBUTION. Palaearctic: Canary Is, Egypt, F, I, Israel, R, Tunisia.

galapagensis (Curran, 1934)

Pipunculus galapagensis Curran, 1934b: 152. - T.l.: Ecuador, Galapagos Is, Albermarle I, Tagus Cove. - T.d.: CAS (Nr 3796).

DISTRIBUTION. Neotropical: Ecuador (Galapagos Is), Mexico.

gazliensis Kuznetzov, 1994

Tomosvaryella gazliensis Kuznetzov, 1994d: 129. - T.l.: Uzbekistan, Kyzylkum desert, 80km W Gazly - T.d.: ZISP.

DISTRIBUTION. Palaearctic: UZB.

***geniculata* (Meigen, 1824)**

Pipunculus geniculatus Meigen, 1824: 20. - T.l.: Exact locality not given [?Germany, Stolberg, according to Tanasijtshuk, 1988]. - T.d.: MNHN (under 1033).

Pipunculus nigrutilus Zetterstedt, 1844: 957. - T.l.: Sweden, Skåne, Silvåkra. - T.d.: ZML (Nr 2445, lectotype designated by Collin, 1956). - Syn.: Verrall, 1901: 120.

Pipunculus nigrutilus var. *griseifrons* Strobl, 1899: 147. - T.l.: France, "Cette". - T.d.: NMSA. - Syn.: Becker, 1921b: 166.

Pipunculus griseipennis Verrall, 1900: 11, error.

Pipunculus gampsonyx Collin, 1920: 275 [Unavailable name,; see Pont, 1995 for further details].

DISTRIBUTION. Palaearctic: A, B, BG, CH, CZ, D, DK, E (incl. Canary Is), F, GB, H, I, Israel, LAT, MAC, MO, NL, P (Madeira I), PL, R, S, ?SF, SLK.

***genitalis* Kapoor, Grewal & Sharma, 1987**

Tomosvaryella genitalis Kapoor, Grewal & Sharma, 1987: 45. - T.l.: India, Himachal Pradesh, Amb. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

***gibbosa* Hardy, 1949**

Tomosvaryella gibbosa Hardy, 1949b: 71. - T.l.: South Africa, Natal, Van Reenan Drakensberg. - T.d.: NHM.

DISTRIBUTION. Afrotropical: South Africa, Zaire.

***guwahatiensis* Kapoor, Grewal & Sharma, 1987**

Tomosvaryella guwahatiensis Kapoor, Grewal & Sharma, 1987: 32. - T.l.: India, Assam, Guwahati. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

***gussakovskyi* Kuznetsov, 1994**

Tomosvaryella gussakovskyi Kuznetsov, 1994d: 130. - T.l.: Tajikistan, Kondara Canyon, Varzob r. valley. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TAJ.

***hactena* Hardy, 1972**

Tomosvaryella hactena Hardy, 1972c: 71. - T.l.: Thailand, Phu Kae. - T.d.: BPBM (Nr 10259).

DISTRIBUTION. Oriental: Thailand.

***helwanensis* (Collin, 1949)**

Dorylomorpha helwanensis Collin, 1949: 189. - T.l.: Egypt, Helwan. - T.d.: NHM (lectotype designated by De Meyer, 1995b).

DISTRIBUTION. Palaearctic: Egypt, Israel.

***hirticollis* (Becker, 1910)**

Pipunculus hirticollis Becker, 1910: 657. - T.l.: France, Corsica, Bastia & Cavalière. - T.d.: MNHU (2 syntypes, Nr 54720).

Pipunculus zernyi Collin, 1938: 84. - T.l.: Italy, Sicily, Isola di Femmine. - T.d.: NMW. - Syn.: Aczél, 1944: 94.

DISTRIBUTION. Palaearctic: F, I.

***hissarica* Kuznetsov, 1993**

Tomosvaryella hissarica Kuznetsov, 1993g: 214. - T.l.: Tajikistan, Hodzha-obi garm, S slope of Hissar Mt ridge. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TAJ.

***hongorica* Kuznetsov, 1994**

Tomosvaryella hongorica Kuznetsov, 1994d: 132. - T.l.: Mongolia, Bayan-Hongor Prov., Ehin-Gol oasis. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: MO.

***hozretishiensis* Kuznetsov, 1994**

Tomosvaryella hozretishiensis Kuznetsov, 1994d: 134. - T.l.: Tajikistan, Hozretishy Mt ridge nr Shurabad. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TAJ.

***immutata* (Becker, 1913)**

Dorylas immutatus Becker, 1913: 608. - T.l.: Iran, Beludshistan, Kirman, betw. Ku-i-Murgak and Dech-i-Pabid. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: Iran.

***inazumae* (Koizumi, 1960)**

Alloneura inazumae Koizumi, 1960: 34. - T.l.: Japan, Okayama City. - T.d.: FAOU.

DISTRIBUTION. Palaearctic: J.

***incondita* Hardy, 1961**

Tomosvaryella incondita Hardy, 1961: 159. - T.l.: Zaire, Parc National Garamba, Pidigala. - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Zaire.

***inconspicua* (Malloch, 1913)**

Pipunculus inconspicuus Malloch, 1913a: 295. - T.l.: Canada, Alberta, Medicine Hat. - T.d.: USNM (Nr 14804).
DISTRIBUTION. Nearctic: Canada (AL).

***indica* Kapoor, Grewal & Sharma, 1987**

Tomosvaryella indica Kapoor, Grewal & Sharma, 1987: 46. - T.l.: India, Himachal Pradesh, Una. - T.d.: NPC.
DISTRIBUTION. Oriental: India.

***inermis* De Meyer, 1995**

Tomosvaryella inermis De Meyer, 1995b: 305. - T.l.: Israel, Maoz Hayyim. - T.d.: TAU.
DISTRIBUTION. Palaearctic: Israel (incl. occupied Golan Heights).

***inopinata* De Meyer, 1995**

Tomosvaryella inopinata De Meyer, 1995b: 306. - T.l.: Israel, Giv'at Koah. - T.d.: TAU.
DISTRIBUTION. Palaearctic: Egypt, Israel.

***insulicola* De Meyer, 1993**

Tomosvaryella insulicola De Meyer, 1993b: 71. - T.l.: Comoros, Moheli, Miringoni. - T.d.: KMMA.
DISTRIBUTION. Afrotropical: Comoro Is.

***israelensis* De Meyer, 1995**

Tomosvaryella israelensis De Meyer, 1995b: 308. - T.l.: Israel, Kfar Shamai. - T.d.: TAU.
DISTRIBUTION. Palaearctic: Israel (incl. occupied Golan Heights).

***itoi* (Koizumi, 1960)**

Alloneura itoi Koizumi, 1960: 36. - T.l.: Japan, Okayama City. - T.d.: FAOU.
DISTRIBUTION. Palaearctic: J. Oriental: Philippines.

***jubata* De Meyer, 1995**

Tomosvaryella jubata De Meyer, 1995b: 309. - T.l.: Israel, Sedom. - T.d.: TAU.
DISTRIBUTION. Palaearctic: Israel.

***karakalaensis* Kuznetsov, 1994**

Tomosvaryella karakalaensis Kuznetsov, 1994d: 134. - T.l.: Turkmenistan, Karakala env.. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: TUR.

***kashipurensis* Kapoor, Grewal & Sharma, 1987**

Tomosvaryella kashipurensis Kapoor, Grewal & Sharma, 1987: 48. - T.l.: India, Uttar Pradesh, Nainital, Kashipur. - T.d.: NPC.
DISTRIBUTION. Oriental: India.

***kirghizorum* Kuznetsov, 1993**

Tomosvaryella kirghizorum Kuznetsov, 1993g: 209. - T.l.: Kirghizstan, S Kirghizstan, Arslanbob. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: KIR.

***kondarensis* Kuznetsov, 1993**

Tomosvaryella kondarensis Kuznetsov, 1993g: 217. - T.l.: Tajikistan, Kondara Canyon, Varzob r. Valley. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: TAJ.

***kuthyi* Aczél, 1944**

Tomosvaryella kuthyi Aczél, 1944: 97. - T.l.: Hungary "Budapest; Csór; Gyón; Kiskunhalas; Nyíregyháza; Örszentmiklós; Pálmáter; Recsk; Szeged" & Slovakia "Pelsoc" & Slovenia "Novi; Zengg" & Roumania "Csíkszépvíz; Moldova; Orsova" & Greece "Kreta, Cania" & Turkey "Akaia". - T.d.: unknown (not in TMB according to Dely-Draskovits, letter of 29.XI.1993. Probably lost).
DISTRIBUTION. Palaearctic: A, B, BG, CH, CZ, D, E, GB, GR, H, Israel (incl. occupied Golan Heights and West Bank), LAT, NL, R, SLK, SLV, TR.

***lata* Kuznetsov, 1994**

Tomosvaryella lata Kuznetsov, 1994d: 136. - T.l.: Russia, Altai, Katon-Karagay env., Buhtarma r.. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

***laticlavia* Kuznetsov, 1994**

Tomosvaryella laticlavia Kuznetsov, 1994d: 140. - T.l.: Kazakhstan, Akmolinsk Prov., Kokshetau Mt, nr Tersakkan r.. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: KAZ.

***latitarsis* Hardy, 1950**

Tomosvaryella latitarsis Hardy, 1950a: 46. - T.l.: Rwanda, Ruhengeri, r. Penge. - T.d.: KMMA.
DISTRIBUTION. Afrotropical: Rwanda.

***lepidipes* Hardy, 1943**

Tomosvaryella lepidipes Hardy, 1943: 166. - T.l.: USA, Nevada, Fallon. - T.d.: SEM (Nr 3200).
DISTRIBUTION. Nearctic: Canada (BC, SA); USA (AZ, CA, CO, KS, NM, NV, OK, PA, TX, UT).

leimonias (Perkins, 1905)

Pipunculus leimonias Perkins, 1905: 151. - T.l.: Australia, Queensland, Brisbane. - T.d.: BPBM (Nr 4210).
DISTRIBUTION. Australasian/Oceanian: Australia.

leri Kuznetzov, 1994

Tomosvaryella leri Kuznetzov, 1994d: 140. - T.l.: Kazakhstan, SW Kyzyl-Kum desert. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: KAZ.

limpidipennis (Brunetti, 1912)

Pipunculus limpidipennis Brunetti, 1912: 491. - T.l.: India, Calcutta. - T.d.: ZSI (according to Kapoor *et al.*, 1987, male specimen nr 5690/15 from Calcutta indicated as holotype).
DISTRIBUTION. Oriental: India, Nepal.

littoralis (Becker, 1898)

Pipunculus littoralis Becker, 1898: 86. - T.l.: Germany, Sylt I & Amrum I. - T.d.: MNHU (2 syntypes, Nr 32578 (specimen from Sylt I) & 32981 (specimen from Amrum I)).
DISTRIBUTION. Palaearctic: B, D, DK, E (Canary Is), F, GB, IRE, NL, PL, S.

longipygiamis Kapoor, Grewal & Sharma, 1987

Tomosvaryella longipygiamis Kapoor, Grewal & Sharma, 1987: 50. - T.l.: India, Jumma & Kashmir State, Srinagar. - T.d.: NPC.
DISTRIBUTION. Oriental: India.

longistyla Kapoor, Grewal & Sharma, 1987

Tomosvaryella longistylus Kapoor, Grewal & Sharma, 1987: 65. - T.l.: India, Himachal Pradesh, Solan. - T.d.: NPC.
DISTRIBUTION. Oriental: India.

longula Kuznetzov, 1994

Tomosvaryella longula Kuznetzov, 1994d: 143. - T.l.: Mongolia, C Prov., env. Songino, SW Ulan-Bator. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: MO.

lupovae Kuznetzov, 1994

Tomosvaryella lupovae Kuznetzov, 1994d: 144. - T.l.: Kazakhstan, Turgay Prov., N Malye Barsuky, Koylybay. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: KAZ.

lynchi (Shannon, 1927)

Pipunculus lynchi Shannon, 1927: 38. - T.l.: Argentina, Tucumán, Tafí Viejo. - T.d.: USNM (Nr 40820).
Tomosvaryella tumida Hardy, 1940: 112. - T.l.: USA, Florida, Belle Glade. - T.d.: SEM (Nr 3217). - Syn.: Ale-Rocha & Rafael, 1995: 413.
DISTRIBUTION. Nearctic: USA (CA, CO, FL, GA, KS, NV, NM, UT). Neotropical: Argentina, Bahamas, Brazil, Costa Rica, Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Peru.

lyneborgi (Coe, 1969)

Alloneura lyneborgi Coe, 1969: 4. - T.l.: Spain, Almeria, 8 km N Tabernas. - T.d.: ZMK.
DISTRIBUTION. Palaearctic: E.

mbuyensis Hardy, 1952

Tomosvaryella mbuyensis Hardy, 1952a: 68. - T.l.: Zaire, Parc National Upemba, Mbuye-Bala. - T.d.: KMMA.
DISTRIBUTION. Afrotropical: Zaire.

mediocris (Collin, 1931)

Pipunculus mediocris Collin, 1931a: 54. - T.l.: Chile, Llanquihue Prov., Casa Pangue. - T.d.: NHM (broken into fragments according to Collin, 1931a).
DISTRIBUTION. Neotropical: Chile.

membranacea Ale-Rocha & Rafael, 1995

Tomosvaryella membranacea Ale-Rocha & Rafael, 1995: 415. - T.l.: Mexico, Sonora, Alamos. - T.d.: CAS.
DISTRIBUTION. Neotropical: Mexico.

membranosa Kuznetzov, 1994

Tomosvaryella membranosa Kuznetzov, 1994d: 144. - T.l.: Kazakhstan, B. Almatinka, Semirechye. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: KAZ.

mesasiatica Kuznetzov, 1994

Tomosvaryella mesasiatica Kuznetzov, 1994d: 146. - T.l.: Uzbekistan, Asia Media, Chatyrshy. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: UZB.

mesostena Hardy, 1961

Tomosvaryella mesostena Hardy, 1961: 164. - T.l.: Zaire, Parc National Garamba, "II/fd/10". - T.d.: KMMA.
DISTRIBUTION. Afrotropical: Zaire.

***mexicanensis* Ale-Rocha & Rafael, 1995**

Tomosvaryella mexicanensis Ale-Rocha & Rafael, 1995: 416. - T.I.: Mexico, San Luis Potosi, El Bonito, 7mi S Ciudad Valles. - T.d.: CAS.

DISTRIBUTION. Neotropical: Mexico.

***micronesiae* Hardy, 1956**

Tomosvaryella micronesiae Hardy, 1956a: 3. - T.I.: Guam, Talofofo. - T.d.: USNM.

DISTRIBUTION. Australasian/Oceanian: Guam, Micronesia, N Marianas.

***mimica* Kuznetzov, 1994**

Tomosvaryella mimica Kuznetzov, 1994d: 148. - T.I.: Uzbekistan, Armyanskiy botinok, Tshatkalskiy Nature Reserve. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: UZB.

***minacis* Hardy, 1940**

Tomosvaryella minacis Hardy, 1940: 110. - T.I.: USA, Florida, Keys, Key Largo. - T.d.: SEM (Nr 3201).

DISTRIBUTION. Nearctic: USA (FL, GA).

***minima* (Becker, 1898)**

Pipunculus minimus Becker, 1898: 85. - T.I.: Poland, "wahrscheinlich aus Posen" [= Poznan, according to Tanasijtshuk, 1988]. - T.d.: unknown (described from specimen in Loew's collection (now in MNHU) but apparently not there anymore, Kuznetzov pers. comm.).

DISTRIBUTION. Palaearctic: B, CH, CZ, D, E, GB, H, Israel, LAT, MO, NL, PL, R, S, SLK.

***minuscula* (Collin, 1956)**

Alloneura minuscula Collin, 1956: 158. - T.I.: Sweden, Närke, Örebro, Markkärrret. - T.d.: ZML (Nr 1696).

DISTRIBUTION. Palaearctic: S.

***minutus* Kapoor, Grewal & Sharma, 1987**

Tomosvaryella minutus Kapoor, Grewal & Sharma, 1987: 51. - T.I.: India, Chandigarh. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

***mongolica* Kozánek, 1992**

Tomosvaryella mongolica Kozánek, 1992: 6. - T.I.: Mongolia, C Prov., 11km ESE Somon Bajanzogt. - T.d.: TMB.

DISTRIBUTION. Palaearctic: MO.

***montana* De Meyer, 1993**

Tomosvaryella montana De Meyer, 1993b: 75. - T.I.: South Africa, Natal, Drakensberg Mts, Giants Castle Reserve. - T.d.: NMP (Nr 601).

DISTRIBUTION. Afrotropical: South Africa.

***montina* Kuznetzov, 1994**

Tomosvaryella montina Kuznetzov, 1994d: 152. - T.I.: Kazakhstan, W Akmolinsk, Kokshetau Mt, nr Tersakkan r.. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: KAZ.

***multisetae* Kapoor, Grewal & Sharma, 1987**

Tomosvaryella multisetae Kapoor, Grewal & Sharma, 1987: 33. - T.I.: India, Punjab, Ludhiana. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

***mutata* (Becker, 1898)**

Pipunculus mutatus Becker, 1898: 85. - T.I.: Egypt, "aus Ober-Aeg.". - T.d.: MNHU (Nr 33554, two syntypes).

DISTRIBUTION. Palaearctic: E, Egypt, H, ?Israel (incl. occupied Golan Heights), ?J, R.

***nalahiana* Kuznetzov, 1994**

Tomosvaryella nalahiana Kuznetzov, 1994d: 153. - T.I.: Mongolia, C Prov., env. Nalayhy. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: MO.

***nartshukae* Kuznetzov, 1994**

Tomosvaryella nartshukae Kuznetzov, 1994a: 27. - T.I.: Turkmenistan, SW Turkmenistan, 6km WNW Karadegysh. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TUR.

***nigra* Kuznetzov, 1994**

Tomosvaryella nigra Kuznetzov, 1994d: 154. - T.I.: Mongolia, E Gobi Prov., 50km ENE Sayan-Shanda. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: MO.

***nigroritida* (Collin, 1958)**

Alloneura nigroritida Collin, 1958: 96. - T.I.: Croatia, Dalmatia, Korcula, E end. - T.d.: NHM.

DISTRIBUTION. Palaearctic: CR, E, Israel.

***nitens* (Brunetti, 1912)**

Pipunculus nitens Brunetti, 1912: 492. - T.I.: India, South India, Travancore, Maddathorai, "western base of the Western Ghats". - T.d.: ZSI (according to Kapoor *et al.*, 1987, male specimen nr 1929/HI from Maddathorai indicated

as holotype).

DISTRIBUTION. Oriental: India, ?Nepal.

***nodos*a De Meyer, 1995**

Tomosvaryella nodosa De Meyer, 1995b: 311. - T.l.: Israel, Elat. - T.d.: TAU.

DISTRIBUTION. Palaearctic: Egypt, Israel.

***novaezealandiae* (Tonnier, 1925)**

Pipunculus novaezealandiae Tonnier, 1925: 314. - T.l.: New Zealand, Cass. - T.d.: CMC.

DISTRIBUTION. Australasian/Oceanian: New Zealand.

***nyctias* (Perkins, 1905)**

Pipunculus nyctias Perkins, 1905: 152. - T.l.: Australia, Queensland, Bundaberg. - T.d.: BPBM (Nr 4213).

DISTRIBUTION. Australasian/Oceanian: Australia, PNG (Bismarck Arch). Oriental: Borneo, Indonesia (Java), Philippines, Thailand.

***oligoseta* De Meyer, 1993**

Tomosvaryella oligoseta De Meyer, 1993b: 76. - T.l.: Botswana, Swaneng Hill, Farmers Brigade, 5km SE Serowe Hillside. - T.d.: KBIN.

DISTRIBUTION. Afrotropical: Botswana, Namibia.

***olympicola* (Janssens, 1955)**

Pipunculus Tomosvaryella olympicola Janssens, 1955: 4. - T.l.: Greece, E slope of Mt Olympus, Litochoron. - T.d.: KBIN.

DISTRIBUTION. Palaearctic: GR.

***ornatitarsalis* Hardy, 1954**

Tomosvaryella ornatitarsalis Hardy, 1954a: 57. - T.l.: Brazil, São Paulo, Campinas. - T.d.: USNM.

DISTRIBUTION. Neotropical: Brazil.

***orthocladia* Kuznetzov, 1994**

Tomosvaryella orthocladia Kuznetzov, 1994d: 156. - T.l.: Mongolia, C Prov., 40km SE Bayan. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: MO.

***oryzaetora* Koizumi, 1959**

Tomosvaryella oryzaetora Koizumi, 1959: 38. - T.l.: Japan, Honshu, Okayama Pref., Okayama City, Tsushima. - T.d.: FAOU.

DISTRIBUTION. Palaearctic: J. Oriental: India, Malaysia, Philippines, Taiwan, Thailand.

***palliditarsis* (Collin, 1931)**

Pipunculus palliditarsis Collin, 1931a: 56 (n.n. for *flavitarsis* Collin, 1920). - T.l.: Great Britain, England, Cambs, Chippenham Fen & Hants, New Forest & Sussex, Crowborough & Scotland, Inverness, Nethy Bridge. - T.d.: UMO (VC-type 99; 4 syntypes) & CUM (8 syntypes) (cfr Pont, 1995).

Pipunculus flavitarsis Collin, 1920: 275. [Preocc. Williston, 1892]

DISTRIBUTION. Palaearctic: B, CZ, D, E, GB, LAT, S.

***parakuthyi* De Meyer, 1995**

Tomosvaryella parakuthyi De Meyer, 1995b: 312. - T.l.: Egypt, Sinai, Ofira. - T.d.: TAU.

DISTRIBUTION. Palaearctic: Egypt, Israel.

***parvicuspis* Hardy, 1961**

Tomosvaryella parvicuspis Hardy, 1961: 166. - T.l.: Zaire, Parc National Garamba, "II/gd/11". - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Zaire.

***pauca* Hardy, 1943**

Tomosvaryella pauca Hardy, 1943: 168. - T.l.: USA, Florida, Homestead. - T.d.: SEM (Nr 3202).

DISTRIBUTION. Nearctic: USA (FL, GA).

***pennatula* Kuznetzov, 1994**

Tomosvaryella pennatula Kuznetzov, 1994d: 156. - T.l.: Turkmenistan, Ahtsha-Kuyma - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TUR.

***perissosceles* Hardy, 1965**

Tomosvaryella perissosceles Hardy, 1965a: 238. - T.l.: Argentina, Jujuy Prov., Sierra Zapla. - T.d.: IZML.

DISTRIBUTION. Neotropical: Argentina.

***pernitida* (Becker, 1924)**

Pipunculus pernitidus Becker, 1924: 14. - T.l.: Taiwan, Maruyama. - T.d.: IPE.

DISTRIBUTION. Oriental: Taiwan.

***perpusilla* (Collin, 1941)**

Pipunculus perpusillus Collin, 1941: 219. - T.l.: Russia, PrimorskiyTerr., Staraja Devitsa, Lac Chanka. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

***pilosiventris* (Becker, 1900)**

Pipunculus pilosiventris Becker, 1900: 236. - T.l.: Egypt, "Kairo" & "Assiut" & "Oase Fayum". - T.d.: MNHU (1 syntype Nr 44244 from "Kairo" & 2 syntypes, Nr 44775 from "Fayum"; whereabouts syntypes from "Assiut" unknown).

DISTRIBUTION: Egypt, ?Israel.

***polita* (Williston, 1896)**

Pipunculus politus Williston, 1896: 351. - T.l.: West Indies, St Vincent. - T.d.: ?NHM (according to Ale-Rocha, 1991 not in this collection, probably lost).

DISTRIBUTION: Neotropical: West Indies (St Vincent).

***propinqua* (Becker, 1913)**

Dorylas propinquus Becker, 1913: 607. - T.l.: Iran, "Chorassan, vom westlichen Teil Sseistans" & "Pers.-Beludshistan". - T.d.: ZISP (1 syntype from "Chorassan" & 1 syntype from "N part of Sargad, Kirman". The latter is the specimen referred to as from "Pers.-Beludshistan" in original description).

DISTRIBUTION: Palaearctic: Iran.

***propria* Hardy, 1949**

Tomosvaryella propria Hardy, 1949b: 73. - T.l.: South Africa, Cape Prov., Mossel Bay. - T.d.: NHM.

Tomosvaryella varana Hardy, 1949b: 76. - T.l.: South Africa, Cape Prov., Cape Town, Milnerton. - T.d.: NHM. - Syn.: De Meyer, 1993b: 94.

DISTRIBUTION: Afrotropical: Botswana, Gambia, South Africa.

***prostata* Hardy, 1963**

Tomosvaryella prostata Hardy, 1963: 261. - T.l.: Colombia, Cundinamarca, Funza. - T.d.: USNM.

DISTRIBUTION: Neotropical: ?Argentina, Colombia.

***pruinosa* Kozánek, 1992**

Tomosvaryella pruinosa Kozánek, 1992: 8. - T.l.: Mongolia, Bajanchongor Prov., Oase Echin gol, 90km NE Caganbulag borderpost. - T.d.: TMB.

DISTRIBUTION: Palaearctic: MO.

***pseudophanes* (Perkins, 1905)**

Pipunculus pseudophanes Perkins, 1905: 151. - T.l.: Australia, Queensland, Cairns. - T.d.: BPBM (Nr 4215).

DISTRIBUTION: Australasian/Oceanian: Australia.

***pterae* (Kapoor & Grewal, 1985)**

Dorylomorpha pterae Kapoor & Grewal, 1985: 402. - T.l.: India, Himachal Pradesh, Subathu. - T.d.: NPC (completely damaged, according to Kapoor *et al.*, 1987; no mention of condition in Albrecht, 1990).

DISTRIBUTION: Oriental: India.

***pulchra* Kozánek, 1992**

Tomosvaryella pulchra Kozánek, 1992: 10. - T.l.: Mongolia, Bajanchongor Prov., Oase Echin gol, 90km NE Caganbulag borderpost. - T.d.: TMB.

DISTRIBUTION: Palaearctic: MO.

***pulchra* Ale-Rocha, 1993**

Tomosvaryella pulchra Ale-Rocha, 1993: 315. - T.l.: Brazil, Amazonas, Manaus, C. Univ.t. - T.d.: INPA.

DISTRIBUTION: Neotropical: Argentina, Brazil, Chile, Paraguay.

At the time of submission of this catalogue, both authors (Ale-Rocha and Kozánek) were aware of the homonymy (Rafael in e-mail message of 7.IV.1995) both no solution was known with regard to seniority of name and new name for junior homonym. Ale-Rocha's description appeared in the 1992 series of Bol. Mus. Para. Emilio Goeldi but this series was delayed since the manuscript was accepted for publication only on 15.III.1993 and therefore published after that date. Kozánek's description was published in Akitu, nr 131 which bears the date 24.XI.1992. So apparently Kozánek's name seems to be the senior homonym. It was left up to both authors to agree on the seniority and to publish a replacement name for the junior synonym.

***pusilla* De Meyer, 1995**

Tomosvaryella pusilla De Meyer, 1995b: 313. - T.l.: Israel, Herzliyya. - T.d.: TAU.

DISTRIBUTION: Palaearctic: Egypt, Israel.

***quadridentis* Hardy, 1943**

Tomosvaryella quadridentis Hardy, 1943: 172. - T.l.: USA, California, Lone Pine. - T.d.: SEM (Nr 3205).

DISTRIBUTION: Nearctic: USA (CA, NV).

***ramnagariensis* Kapoor, Grewal & Sharma, 1987**

Tomosvaryella ramnagariensis Kapoor, Grewal & Sharma, 1987: 54. - T.l.: India, Uttar Pradesh, Ramnagar, outside Corbett National Park. - T.d.: NPC.

DISTRIBUTION: Oriental: India.

relicta Kuznetsov, 1994

Tomosvaryella relicta Kuznetsov, 1994d: 158. - T.l.: Mongolia, E Gobi Prov., 25km N Tshoyra. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: MO.

robusta Hardy, 1968

Tomosvaryella robusta Hardy, 1968: 485. - T.l.: Philippines, Luzon, Mt Prov., Buguias, Abatan, 60 km S Bontoc. - T.d.: BPBM (Nr 7831).

DISTRIBUTION. Oriental: India, Philippines, Vietnam.

rondanii (Collin, 1945)

Alloneura rondanii Collin, 1945: 3. - T.l.: not given, "Europe" [probably Italy]. - T.d.: UMO (VC-type 651).
DISTRIBUTION. Palaearctic: E, ?!

rossica Kuznetsov, 1993

Tomosvaryella rossica Kuznetsov, 1993h: 177. - T.l.: Russia, Leningrad Prov., Yukki, nr St. Petersburg. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

ruwenzoriensis De Meyer, 1993

Tomosvaryella ruwenzoriensis De Meyer, 1993b: 82. - T.l.: Zaire, Parc National Albert, Massif Ruwenzori, Bomboka nr Kyandolire. - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Zaire.

sachtlebeni (Aczél, 1940)

Pipunculus sachtlebeni Aczél, 1940: 152 (n.n. for *unguiculatus* Cresson). - T.l.: USA, Virginia, Falls Church. - T.d.: MCZ (Nr 15355).

Pipunculus unguiculatus Cresson, 1911: 319. [Preocc. Zeller in litt., apud Loew, 1860: 356]

DISTRIBUTION. Nearctic: Canada (SA); USA (FL, IA, IN, KS, MI, NJ, TN, VA). Neotropical: Mexico.

scalprata Yang & Xu, 1987

Tomosvaryella scalprata Yang & Xu, 1987: 178. - T.l.: People's Republic of China, Tibet, Lhasa. - T.d.: BAU.
DISTRIBUTION. Palaearctic: PRC.

scopulata Hardy, 1963

Tomosvarylla scopulata Hardy, 1963: 262. - T.l.: Colombia, Valle, Palmira. - T.d.: USNM (acc. Ale-Rocha & Rafael, 1995 in CAS but not confirmed in lists from CAS).

DISTRIBUTION. Neotropical: Colombia, Cuba, Dominica, Mexico.

sedomensis De Meyer, 1995

Tomosvaryella sedomenis De Meyer, 1995b: 314. - T.l.: Israel, Sedom. - T.d.: TAU.

DISTRIBUTION. Palaearctic: Israel.

sentis Hardy, 1968

Tomosvaryella sentis Hardy, 1968: 486. - T.l.: Papua New Guinea, Bismarck Arch., New Britain, Vunabakan. - T.d.: BPBM (Nr 7832).

DISTRIBUTION. Australasian/Oceanian: PNG (Bismarck Arch).

setositora Hardy, 1961

Tomosvaryella setositora Hardy, 1961: 168. - T.l.: Zaire, Parc National Garamba, "II/fd/7". - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Zaire.

sigillata Kuznetsov, 1994

Tomosvaryella sigillata Kuznetsov, 1994d: 159. - T.l.: Mongolia, Ubsunur Prov., Dzun-Goby - T.d.: ZISP.

DISTRIBUTION. Palaearctic: MO.

similis (Hough, 1901)

Pipunculus similis Hough, 1901: 84. - T.l.: USA, Georgia, Tifton & Alabama. - T.d.: MCZ (Nr 7674, two syntypes from Tifton) and FMC (1syntype from Tifton, mentioned as holotype by Ale-Rocha & Rafael, 1995. Whereabouts of syntypes from Alabama unknown).

DISTRIBUTION. Nearctic: USA (AL, AZ, GA, KS, OH, OK, PA, UT). Neotropical: Bahamas, Mexico.

singalensis (Kertész, 1903)

Pipunculus singalensis Kertész, 1903: 469. - T.l.: Sri Lanka, Colombo. - T.d.: unknown (not in TMB according to Dely-Draskovits, letter of 29.XI.1993).

DISTRIBUTION. Oriental: Sri Lanka.

singula Hardy, 1950

Tomosvaryella singula Hardy, 1950a: 47. - T.l.: Zaire, Parc National Albert, Kivu, Rutshuru. - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Cameroon, Principe I, Zaire.

singularis De Meyer, 1993

Tomosvaryella singularis De Meyer, 1993b: 81. - T.l.: Botswana, Swaneng Hill, Farmers Brigade, 5km SE Serowe Hillside. - T.d.: KBIN.

DISTRIBUTION. Afrotropical: Botswana, Namibia, South Africa.

singuloides De Meyer, 1993

Tomosvaryella singuloides De Meyer, 1993b: 82. - T.l.: Ethiopia, Awassi. - T.d.: CAS (Nr 17025).
DISTRIBUTION. Afrotropical: Ethiopia.

songinoensis Kuznetzov, 1994

Tomosvaryella songinoensis Kuznetzov, 1994d: 159. - T.l.: Mongolia, C Prov., SW Ulan-Bator, env. Songino. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: MO.

sonorensis (Cole, 1923)

Pipunculus sonorensis Cole, 1923: 467. - T.l.: Mexico, Sonora, Tepoca Bay. - T.d.: CAS (Nr 1478, not 1345; see Arnaud, 1979: 309).
DISTRIBUTION. Neotropical: Mexico.

speciosa Hardy, 1949

Tomosvaryella speciosa Hardy, 1949b: 74. - T.l.: South Africa, Cape Prov., Somerset E. - T.d.: NHM.
DISTRIBUTION. Afrotropical: South Africa.

spectata Kuznetzov, 1994

Tomosvaryella spectata Kuznetzov, 1994d: 160. - T.l.: Tajikistan, Staraya Prystan, nr Dzhilykul, Vahsh r.. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: TAJ.

spangleri Scarbrough & Knutson, 1989

Tomosvaryella spangleri Scarbrough & Knutson, 1989: 530. - T.l.: Dominica, Fond Colet. - T.d.: USNM.
DISTRIBUTION. Neotropical: Dominica, Puerto Rico.

spicata Kuznetzov, 1994

Tomosvaryella spicata Kuznetzov, 1994d: 162. - T.l.: Uzbekistan, Chatyrshy Prov., mer. occ. Yargak, Buchara. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: UZB.

spiculata Hardy, 1972

Tomosvaryella spiculata Hardy, 1972a: 85. - T.l.: Taiwan, S Taiwan, Pingtung. - T.d.: TARI.
DISTRIBUTION. Oriental: Philippines, Taiwan.

spinea Kuznetzov, 1994

Tomosvaryella spinea Kuznetzov, 1994d: 162. - T.l.: Uzbekistan, Hiva. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: UZB.

spinigera De Meyer, 1993

Tomosvaryella spinigera De Meyer, 1993b: 80. - T.l.: Botswana, Swaneng Hill, Farmers Brigade, 5km SE Serowe Hills. - T.d.: KBIN.
DISTRIBUTION. Afrotropical: Botswana, South Africa.

spinulenta Kuznetzov, 1994

Tomosvaryella spinulenta Kuznetzov, 1994d: 164. - T.l.: Russia, S Siberia, left bank of Tshorniy Irtysh r., "10km from frontier" - T.d.: ZISP.
DISTRIBUTION. Palaearctic: RUS.

spinulifera Kuznetzov, 1994

Tomosvaryella spinulifera Kuznetzov, 1994d: 168. - T.l.: Uzbekistan, Armyanskiy botinok, Tshatkalskiy Nature Reserve. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: UZB.

stackelbergi Kuznetzov, 1994

Tomosvaryella stackelbergi Kuznetzov, 1994d: 171. - T.l.: Tajikistan, Stalinabad, Dyushambinka r. valley. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: TAJ.

subafricana De Meyer, 1993

Tomosvaryella subafricana De Meyer, 1993b: 87. - T.l.: South Africa, Natal, Royal Natal National Park, Drakensberg Mts. - T.d.: NMP (Nr 602).
DISTRIBUTION. Afrotropical: South Africa.

subhectena Kapoor, Grewal & Sharma, 1987

Tomosvaryella subhectena Kapoor, Grewal & Sharma, 1987: 57. - T.l.: India, Himachal Pradesh, Solan. - T.d.: NPC.
DISTRIBUTION. Oriental: India.

subnitens (Cresson, 1911)

Pipunculus subnitens Cresson, 1911: 316. - T.l.: USA, New Mexico, Alamogordo. - T.d.: ANSP (Nr 5028).
DISTRIBUTION. Nearctic: USA (AZ, CA, CO, KS, NM, NV, UT, WY).

subrobusta Kapoor, Grewal & Sharma, 1987

Tomosvaryella subrobusta Kapoor, Grewal & Sharma, 1987: 58. - T.l.: India, Uttar Pradesh, way to Ranikhet. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

subvirescens (Loew, 1872)

Pipunculus subvirescens Loew, 1872: 87. - T.l.: USA, Texas, Belfrage. - T.d.: MCZ (Nr 456).

Pipunculus aridus Williston, 1893: 255. - T.l.: USA, California, Argus Mt. - T.d.: probably USNM. - Syn.: Hough, 1901: 78.

Pipunculus glabrum Adams, 1905: 165. - T.l.: Zimbabwe, nr Harare. - T.d.: SEM (Nr 743). - Syn.: Hardy, 1949b: 75.

Pipunculus insularis Cresson, 1911: 317. - T.l.: Bermuda Is, Hamilton Parish. - T.d.: ANSP (Nr 5029). - Syn.: Hardy, 1943: 178.

Pipunculus albisetosa Cresson, 1911: 318. - T.l.: Bermuda Is, Hamilton Parish. - T.d.: ANSP (Nr 5030). - Syn.: Hardy, 1943: 178.

Pipunculus metallescens Malloch, 1913a: 298. - T.l.: Nicaragua, Chinandega. - T.d.: USNM (Nr 14807). - Syn.: Hardy, 1943: 178.

Pipunculus similans Becker, 1924: 15. - T.l.: Taiwan, Taihoku. - T.d.: IPE (4 syntypes) and possibly MNHU (1 specimen from type locality, collected by H. Sauter and identified by Becker could belong to syntype series) (Original description mention 8 syntypes). - Syn.: Hardy, 1968: 487.

Pipunculus knowltoni Hardy, 1939: 20. - T.l.: USA, Utah, Cache Junction. - T.d.: USNM. - Syn.: Hardy, 1943: 178.

DISTRIBUTION. Cosmopolitan.

sugonjaevi Kuznetzov, 1994

Tomosvaryella sugonjaevi Kuznetzov, 1994d: 171. - T.l.: Tajikistan, Gazim-alik, 45km W Kurgan-Tyube. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TAJ.

sumbarensis Kuznetzov, 1993

Tomosvaryella sumbarensis Kuznetzov, 1993g: 219. - T.l.: Turkmenistan, Kara-Kala Canyon, Sumbar r. Valley. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TUR.

surstylae Kapoor, Grewal & Sharma, 1987

Tomosvaryella surstylae Kapoor, Grewal & Sharma, 1987: 61. - T.l.: India, Himachal Pradesh, way to Tattapani. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

sylvatica (Meigen, 1824)

Pipunculus sylvaticus Meigen, 1824: 20. - T.l.: not given [?Germany, Stolberg, according to Tanasijshuk, 1988]. - T.d.: MNHN (under 1036; listed by Séguay as 'sylvaticus').

Pipunculus scoparius Cresson, 1911: 317. - T.l.: USA, Maine, Eastport. - T.d.: MCZ (Nr 13570). - Syn.: Hardy, 1940: 101.

Pipunculus nudus var. *tangomus* Rapp, 1943b: 224. - T.l.: Canada, Quebec, St. Placide. - T.d.: ANSP (Nr 6672). - Syn.: Hardy, 1947: 146.

DISTRIBUTION. Palaearctic, Nearctic, & Oriental: widespread.

sylvaticoides (Lamb, 1922)

Pipunculus sylvaticoides Lamb, 1922: 412. - T.l.: Seychelles, Mahé I "near Morne Blanc" & Silhouette I "marshy plateau of Mare aux Cochons". - T.d.: NHM (2 female syntypes (according to list of NHM 1 male and 1 female syntype). Lamb, 1922 mentions a male syntype but this is apparently lost or error, see also De Meyer, 1993b).

DISTRIBUTION. Afrotropical: Seychelles Is.

sylvicola Kuznetzov, 1994

Tomosvaryella sylvicola Kuznetzov, 1994d: 173. - T.l.: Russia, "NW Russia, Leningrad Prov., Luga" - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

synadelpha (Perkins, 1905)

Pipunculus synadelphus Perkins, 1905: 150. - T.l.: Australia, Queensland, Bundaberg. - T.d.: BPBM (Nr 4216).

DISTRIBUTION. Australasian/Oceanian: Australia, PNG (Bismarck Arch), Solomon Is. Oriental: Philippines.

synadelphoides (de Meijere, 1914)

Pipunculus synadelphoides de Meijere, 1914: 172. - T.l.: Indonesia, Java, Semarang. - T.d.: ZMA.

DISTRIBUTION. Oriental: Indonesia (Java), Philippines.

tadzhikorum Kuznetzov, 1994

Tomosvaryella tadzhikorum Kuznetzov, 1994d: 174. - T.l.: Tajikistan, Kurgan-tyube. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TAJ, UZB.

tattapaniensis Kapoor, Grewal & Sharma, 1987

Tomosvaryella tattapaniensis Kapoor, Grewal & Sharma, 1987: 64. - T.l.: India, Himachal Pradesh, Tattapani. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

talyshensis Kuznetzov, 1994

Tomosvaryella talyshensis Kuznetzov, 1994d: 176. - T.l.: Azerbaijan, Lerik Distr., Kosmolyan, Talysh. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: AZE.

tanaitidis Kuznetzov, 1994

Tomosvaryella tanaitidis Kuznetzov, 1994d: 180. - T.l.: Uzbekistan, Armyanskiy botinok, Tshatkalskiy Nature Reserve. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: UZB.

tanasijshtuki Kuznetzov, 1994

Tomosvaryella tanasijshtuki Kuznetzov, 1994d: 182. - T.l.: Uzbekistan, Armyanskiy botinok, Tshatkalskiy Nature Reserve, Bashkyzylsay. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: KAZ, UZB.

taurica Kuznetzov, 1994

Tomosvaryella taurica Kuznetzov, 1994d: 184. - T.l.: Ukraine, S Crimea, Muholatka. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: UKR.

tecta De Meyer, 1993

Tomosvaryella tecta De Meyer, 1993b: 91. - T.l.: South Africa, Natal, Ndumu Game Reserve. - T.d.: NMP (Nr 599).

DISTRIBUTION. Afrotropical: Kenya, South Africa. Palaearctic: Egypt, Israel (incl. occupied Golan Heights and West Bank).

teligera Kuznetzov, 1994

Tomosvaryella teligera Kuznetzov, 1994d: 127. - T.l.: Kazakhstan, Turgay Prov., Koylybay, N M. Barsuky - T.d.: ZISP.

DISTRIBUTION. Palaearctic: KAZ.

tenebricosa Kuznetzov, 1994

Tomosvaryella tenebricosa Kuznetzov, 1994d: 184. - T.l.: Uzbekistan, Armyanskiy botinok, Tshatkalskiy Nature Reserve. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: UZB.

tenera Kuznetzov, 1994

Tomosvaryella tenera Kuznetzov, 1994d: 185. - T.l.: Uzbekistan, Armyanskiy botinok, Tshatkalskiy Nature Reserve. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: UZB.

teneroidea Kuznetzov, 1994

Tomosvaryella teneroidea Kuznetzov, 1994d: 191. - T.l.: Mongolia, E-Gobi Prov., 50km ENE Sayn-Shanda. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: MO.

tenuata Kuznetzov, 1994

Tomosvaryella tenuata Kuznetzov, 1994d: 187. - T.l.: Tajikistan, Gazym-Alyk Mt ridge, Kok-Tau, Gandzhyno. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: TAJ.

torosa Hardy, 1961

Tomosvaryella torosa Hardy, 1961: 173. - T.l.: Zaire, Parc National Garamba, "PFNK/12/9". - T.d.: KMMA.

DISTRIBUTION. Afrotropical: Zaire.

toxodentis (Hardy & Knowlton, 1939)

Pipunculus toxodentis Hardy & Knowlton, 1939b: 118. - T.l.: USA, Utah, Salt Lake City. - T.d.: USNM.

DISTRIBUTION. Nearctic: USA (CA, CO, KS, NM, TX, UT, WY).

translata (Walker, 1857)

Pipunculus translatus Walker, 1857: 150. - T.l.: USA [no exact locality given]. - T.d.: NHM.

DISTRIBUTION. Nearctic: USA.

transvaalensis De Meyer, 1993

Tomosvaryella transvaalensis De Meyer, 1993b: 94. - T.l.: South Africa, Transvaal, Rustenberg Nature Reserve. - T.d.: PPRI.

DISTRIBUTION. Afrotropical: South Africa.

trichotibialis De Meyer, 1995

Tomosvaryella trichotibialis De Meyer, 1995b: 316. - T.l.: Israel, Senir. - T.d.: TAU.

DISTRIBUTION. Palaearctic: E, Israel.

tridens Hardy, 1950

Tomosvaryella tridens Hardy, 1950a: 50. - T.I.: Zaire, Parc National Albert, Kivu, Rutshuru. - T.d.: KMMA.
DISTRIBUTION. Afrotropical: Nigeria, South Africa, Zaire.

trigona Kuznetzov, 1994

Tomosvaryella trigona Kuznetzov, 1994d: 191. - T.I.: Uzbekistan, Armyanskiy botinok, Tshatkalskiy Nature Reserve.
- T.d.: ZISP.
DISTRIBUTION. Palaearctic: UZB.

trjapitzini Kuznetzov, 1994

Tomosvaryella trjapitzini Kuznetzov, 1994d: 195. - T.I.: Armenia, Sysyan, Brnakot.. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: ARM.

troangulatus Kapoor, Grewal & Sharma, 1987

Tomosvaryella troangulatus Kapoor, Grewal & Sharma, 1987: 34. - T.I.: India, Punjab, Ludhiana. - T.d.: NPC.
DISTRIBUTION. Oriental: India.

trochanterata Kuznetzov, 1994

Tomosvaryella trochanterata Kuznetzov, 1994d: 197. - T.I.: Turkmenistan, Atrak r., Ak-Jajla. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: KAZ, TUR.

trochantericola Kuznetzov, 1994

Tomosvaryella trochantericola Kuznetzov, 1994d: 199. - T.I.: Uzbekistan, W Buchara, Saraji-Ljalan, nr Chatyrtschy. -
T.d.: ZISP.
DISTRIBUTION. Palaearctic: UZB.

tuberculata Hardy, 1948

Tomosvaryella tuberculata Hardy, 1948c: 11. - T.I.: Cuba, Soledad, nr Cienfuegos. - T.d.: MCZ (Nr 27705).
DISTRIBUTION. Neotropical: Bahamas, Costa Rica, Cuba, Dominica, Dominican Rep., Haiti, Jamaica, Mexico.

turgayica Kuznetzov, 1994

Tomosvaryella turgayica Kuznetzov, 1994d: 201. - T.I.: Kazakhstan, Turgay Prov., N M. Barsuky, Koylybay. - T.d.:
ZISP.
DISTRIBUTION. Palaearctic: KAZ.

turgida Hardy, 1940

Tomosvaryella turgida Hardy, 1940: 113. - T.I.: USA, Georgia, Griffin. - T.d.: SEM (Nr 3218).
DISTRIBUTION. Nearctic: Canada (SA); USA (AZ, CA, GA, KS, NV, OH, TX).

ubsunurensis Kuznetzov, 1994

Tomosvaryella ubsunurensis Kuznetzov, 1994d: 201. - T.I.: Mongolia, Ubsu-Nur Lake, 50km N Ulangom. - T.d.:
ZISP.
DISTRIBUTION. Palaearctic: MO.

urdaensis Kuznetzov, 1994

Tomosvaryella urdaensis Kuznetzov, 1994d: 205. - T.I.: Kazakhstan, W Kazakhstan, Urda, Ryn-pesky. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: KAZ.

urgamalensis Kuznetzov, 1994

Tomosvaryella urgamalensis Kuznetzov, 1994d: 206. - T.I.: Mongolia, Ubsunur Prov., 50km N Urgamal. - T.d.:
ZISP.
DISTRIBUTION. Palaearctic: MO.

utahensis (Hardy & Knowlton, 1939)

Pipunculus utahensis Hardy & Knowlton, 1939b: 122. - T.I.: USA, Utah, Lehi. - T.d.: USNM.
DISTRIBUTION. Nearctic: Canada (ON, SA); USA (AZ, CA, CO, MN, NM, NV, TX, UT, WY).

vagabunda (Knab, 1915)

Pipunculus vagabundus Knab, 1915: 84. - T.I.: USA, California, King City. - T.d.: USNM (Nr 19164).
Pipunculus trochanteratus var. *tenellus* Hardy and Knowlton, 1939b: 121. - T.I.: USA, Utah, Mt Carmel. - T.d.:
USNM. - Syn.: Hardy, 1943: 185.
DISTRIBUTION. Nearctic: Canada (SA); USA (AZ, CA, CO, FL, GA, IA, ID, KS, MI, NM, NV, OH, OK, OR,
SD, TX, UT, VA, WA, WY).

venezuelana Ale-Rocha, 1993

Tomosvaryella venezuelana Ale-Rocha, 1993: 264. - T.I.: Venezuela, Aragua, Cata, Parque National Henry Pittier.
T.d.: CAS.

DISTRIBUTION. Neotropical: Venezuela.

verrucula Kuznetzov, 1993

Tomosvaryella verrucula Kuznetzov, 1993e: 165. - T.I.: Kazakhstan, Akmolinsk Prov., Kokshetau Mt nr Tersakkan
r.. - T.d.: ZISP.
DISTRIBUTION. Palaearctic: KAZ.

vicina (Becker, 1900)

Pipunculus vicinus Becker, 1900: 238. - T.l.: Egypt, "Assiut" & "Luxor". - T.d.: MNHU (1 syntype, Nr 44459 from "Assiut" & 3 syntypes, Nr 44629 from "Luxor").

DISTRIBUTION. Palaearctic: Egypt, Israel. Afrotropical: Madagascar, Zaire.

vittigera Kuznetzov, 1994

Tomosvaryella vittigera Kuznetzov, 1994d: 206. - T.l.: Mongolia, E Prov., Modon-Obo, 30km ENE Tsagan-Ul. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: MO.

wilburi (Hardy, 1939)

Pipunculus wilburi Hardy, 1939: 22. - T.l.: USA, Kansas, Manhattan. - T.d.: KSC.

DISTRIBUTION. Nearctic: USA (CO, IA, KS, MO, NM, WY).

xerophila Hardy, 1943

Tomosvaryella xerophila Hardy, 1943: 188. - T.l.: USA, New Mexico, Cuervo. - T.d.: SEM (Nr 3206).

DISTRIBUTION. Nearctic: USA (AZ, CA, NM, TX).

zimini Kuznetzov, 1993

Tomosvaryella zimini Kuznetzov, 1993g: 212. - T.l.: Russia, SW Siberia, Orenburg Prov., Sol'-Ylets Distr., Mayak. - T.d.: ZISP.

DISTRIBUTION. Palaearctic: RUS.

nomen dubium

unguiculatus (Zeller, 1860)

Pipunculus unguiculatus Zeller, in Loew, 1860: 356. - T.l.: "Sicilien" & "Kleinasien". - T.d.: unknown.

GENUS INCERTAE SEDIS

Claraeosphaera Kapoor & Grewal, 1985

Claraeosphaera Kapoor & Grewal, 1985: 398 (*Pipunculus* subg.). Type species: *Pipunculus (Claraeosphaera) suranganiensis* Kapoor & Grewal, 1985, by original designation.

suranganiensis (Kapoor & Grewal, 1985)

Pipunculus Claraeosphaera suranganiensis Kapoor & Grewal, 1985: 399. - T.l.: India, Himachal Pradesh, Surangani, Chamba. - T.d.: NPC.

DISTRIBUTION. Oriental: India.

GENERICALLY UNPLACED PIPUNCULIDAE

africanus Lindner, 1956

Dorylas africanus Lindner, 1956: 50. - T.l.: Tanzania "Msingi". - T.d.: SMNS. (possibly *Eudorylas*).

DISTRIBUTION. Afrotropical: Tanzania.

albinus Wiedemann, 1830

Pipunculus albinus Wiedemann, 1830: 650. - T.l.: Brazil. - T.d.: unknown ("von Dr Lund"), possibly NMW. (probably *Eudorylas* acc. Rafael, 1995).

DISTRIBUTION. Neotropical: Brazil.

annulifemur Brunetti, 1922

Pipunculus annulifemur Brunetti, 1922: 469 [1923: 17]. - T.l.: India, S India, Bangalore, Karnataka. - T.d.: NHM (2 syntypes).

DISTRIBUTION. Oriental: India.

artus Kertész, 1915

Dorylas artus Kertész, 1915: 386 (n.n. for *brevis* Brunetti). - T.l.: Burma, Lower Burma, Mergui. - T.d.: ZSI.

Pipunculus brevis Brunetti, 1912: 491. [Preocc. Cresson, 1911]

DISTRIBUTION. Oriental: Burma.

chiensis Ouchi, 1943

Dorylas chiensis Ouchi, 1943: 30. - T.l.: South Korea, Mt Chii. - T.d.: probably SSIS. (probably *Pipunculus*).
DISTRIBUTION. Palaearctic: SK.

cinereoaeus Brunetti, 1912

Pipunculus cinereoaeus Brunetti, 1912: 490. - T.l.: Burma, Lower Burma, Mergui. - T.d.: ZSI.
DISTRIBUTION. Oriental: Burma.

depauperatus Lamb, 1922

Pipunculus depauperatus Lamb, 1922: 411. - T.l.: Seychelles Is, "Silhouette, Mare aux Cochons" & "Mahé, nr Morne Blanc, cascade estate". - T.d.: NHM (4 syntypes).
DISTRIBUTION. Afrotropical: Seychelles Is.

flavicus Rapp, 1946

Pipunculus flavicus Rapp, 1946: 1. - T.l.: Kenya, Kijabe. - T.d.: ANSP (Nr 6668, apparently lost or never deposited in ANSP according to Azuma (letter of 17.VIII.1993)).
DISTRIBUTION. Afrotropical: Kenya.

gracilis Kertész, 1912

Dorylas gracilis Kertész, 1912: 287. - T.l.: Taiwan, Takao. - T.d.: probably TMB (Sauter's coll).
DISTRIBUTION. Oriental: Taiwan.

hakuensis Ouchi, 1943

Dorylas hakuensis Ouchi, 1943: 31. - T.l.: South Korea, Hakuyoji. - T.d.: probably SSIS.
DISTRIBUTION. Palaearctic: SK.

mirabilis Brunetti, 1912

Pipunculus mirabilis Brunetti, 1912: 492. - T.l.: India, Assam, Margherita. - T.d.: ZSI (Nr 5726/9, in very poor condition according to Kapoor *et al.*, 1987).
DISTRIBUTION. Oriental: India.

oshimensis Ouchi, 1943

Dorylas oshimensis Ouchi, 1943: 29. - T.l.: Japan, Amami O-shima I. - T.d.: probably SSIS.
DISTRIBUTION. Palaearctic: J.

parvicornis Hardy, 1949

Dorilas Dorilas parvicornis Hardy, 1949b: 49. - T.l.: Malawi, Cholo. - T.d.: NHM. (probably *Cephalops*).
DISTRIBUTION. Afrotropical: Malawi.

risbeci Séguy, 1946

Pipunculus risbeci Séguy, 1946: 14. - T.l.: Senegal, M'Bambey. - T.d.: probably MNHN.
DISTRIBUTION. Afrotropical: Senegal.

rokotensis Ouchi, 1943

Dorylas rokotensis Ouchi, 1943: 32. - T.l.: South Korea, Mt Chii. - T.d.: probably SSIS (probably *Pipunculus*).
DISTRIBUTION. Palaearctic: SK.

santaro Ouchi, 1943

Dorylas santaro Ouchi, 1943: 30. - T.l.: Japan, Amami O-shima I. - T.d.: probably SSIS (probably *Tomosvaryella*).
DISTRIBUTION. Palaearctic: J.

shanghaiensis Ouchi, 1943

Dorylas shanghaiensis Ouchi, 1943: 34. - T.l.: People's Republic of China, Jiangsu Prov., Shanghai. - T.d.: probably SSIS.
DISTRIBUTION. Palaearctic: PRC.

yakuensis Ouchi, 1943

Dorylas yakuensis Ouchi, 1943: 32. - T.l.: Japan, Yaku-shima I, Kosugidani. - T.d.: probably SSIS.
DISTRIBUTION. Palaearctic: J.

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