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Volume 5

Synopsis Speciorum. Annelida: Hirudinea

Jacqueline Madill

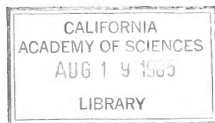
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BIBLIOGRAPHIA INVERTEBRATORUM AQUATICORUM CANADENSIMUM (**BIBLIOGRAPHIA**) is published as a series of volumes of selected information from the computerized Bibliography of Canadian Aquatic Invertebrates maintained by the National Museum of Natural Sciences, National Museums of Canada. It encompasses three general areas: an index of generic names (*Index Generum*), a list of the references used in **BIBLIOGRAPHIA** (*Index Bibliographicus*), and a compilation of published information on species, by taxonomic group (*Synopsis Specierum*).

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BIBLIOGRAPHIA INVERTEBRATORUM AQUATICORUM CANADENSIMUM (**BIBLIOGRAPHIA**) est une collection de volumes qui contiennent des renseignements choisis provenant de la Bibliographie informative des invertébrés aquatiques du Canada, tenue par le Musée national des sciences naturelles, Musées nationaux du Canada. Cette bibliographie comprend trois éléments principaux: une liste générique (*Index Generum*), une liste de références utilisées dans **BIBLIOGRAPHIA** (*Index Bibliographicus*), et une compilation des informations publiées sur les espèces, par groupe taxinomique (*Synopsis Specierum*).

Ces volumes ne sont pas publiés régulièrement. Les textes paraissent en français et en anglais dans chaque volume. Des exemplaires de certains volumes sont disponibles sans frais. Prière d'écrire au Musée national des sciences naturelles, Ottawa, Canada K1A 0M8.

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Titres de **BIBLIOGRAPHIA INVERTEBRATORUM AQUATICORUM CANADENSIMUM** index

Volume 1. Index Generum. By/Par D. R. Laubitz, I. Sutherland, & N. Sharma with the assistance of/avec l'assistance de W. Antoine

Volume 2. Index Bibliographicus. By/Par N. Sharma, D. R. Laubitz, I. Sutherland, P. Adams & C.-t. Shih

Volume 3. Synopsis Specierum. Rotifera. By/Par R. Chengalath

Volume 4. Synopsis Specierum. Crustacea. Isopoda et Tanaidacea. By/Par F. Rafi.

In preparation/En preparation:

Crustacea. Copepoda. By/Par C.-t. Shih and/et I. Sutherland

Crustacea. Euphausiacea et Mysidacea. By/Par D. R. Laubitz.

PREFACE

Publications on aquatic invertebrates of Canada first appeared in the second decade of the nineteenth century. During the early days, taxonomic studies dominated the literature, and many of these were published as part of the scientific results of expeditions or in monographs of taxonomic groups. With the advance of science, the scope of invertebrate studies has expanded to cover a large number of different fields, such as ecology, fisheries, physiology, biochemistry and genetics. Consequently, results of these studies have been published in hundreds of different kinds of scientific journals and reports, some of which are obscure and difficult to obtain. It has thus become tremendously difficult to assemble available published information on the aquatic invertebrate fauna of our country. In the past, bibliographers attempted to compile information on these animals but most of them limited their scope to a taxonomic group, an ecological unit, or a special topic.

The Bibliography of Canadian Aquatic Invertebrates, *Bibliographia Invertebratorum Aquaticorum Canadensium*, was started in 1973, and in 1975 became a special project of the Canadian Oceanographic Identification Centre; since 1979 it has been carried on by the Invertebrate Zoology Division of the National Museum of Natural Sciences. The purpose of this project is to document as many as possible of the scientific names applied to Canadian marine and freshwater invertebrates, to establish a list of currently recognized species, and to compile relevant published data, such as records of distribution and categories of studies for each species. All Recent free living and ectoparasitic species are included but all insects, protozoans, and endoparasites are excluded.

Bibliographia deals with all marine and freshwater environments in Canada. However, in order to present a complete synopsis of the aquatic invertebrate fauna of northern North America, Alaska, Puget Sound, Lake Champlain and the whole of the Great Lakes, except Lake Michigan, are included.

In the freshwater environment, all permanent and temporary inland water bodies are considered. Thirteen regions are recognized based on political boundaries, namely: British Columbia, Alberta, Saskatchewan, Manitoba, Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island, Newfoundland, Alaska (including the Aleutian Islands east of 170°W), Yukon Territory, and Northwest Territories.

In the marine environment we have covered localities (from about 48°W to 170°W) within the 200-metre bathymetric contour but including deeper waters of embayments and passages between islands. Three regions are recognized: Pacific, Arctic, and Atlantic. The Pacific

PRÉFACE

Les premières publications sur les invertébrés aquatiques du Canada ont paru au cours de la deuxième décennie du XIX^e siècle. Au début, la littérature sur cette question était dominée par les études taxinomiques, dont beaucoup étaient publiées sous forme de tranches des résultats d'expéditions scientifiques, ou de monographies sur des groupes taxinomiques. Avec les progrès de la science, le champ des études des invertébrés s'est étendu à un grand nombre d'autres domaines, dont l'écologie, les pêcheries, la physiologie, la biochimie et la génétique. Par conséquent, les résultats de ces études ont paru dans des centaines de types différents de revues et de rapports scientifiques, dont certains sont peu connus et d'accès difficile. Il est donc devenu extrêmement difficile de rassembler toute la documentation publiée sur les invertébrés aquatiques de notre pays. Par le passé, des bibliographes se sont efforcés de réunir l'information sur ces animaux mais, dans la plupart des cas, ont limité leurs travaux à un groupe taxinomique, à une zone écologique ou à un sujet particulier.

Les travaux sur la Bibliographie des invertébrés aquatiques du Canada, *Bibliographia Invertebratorum Aquaticorum Canadensium*, ont commencé en 1973; en 1975, ils devenaient un projet spécial du Centre canadien d'identification océanographique et, en 1979, c'est la Division de la zoologie des invertébrés, au Musée national des sciences naturelles, qui s'en chargeait. Ce projet a pour but de recueillir le plus grand nombre possible de noms scientifiques qui désignent les invertébrés d'eau salée ou d'eau douce du Canada, de dresser la liste des espèces actuellement reconnues et de réunir les données publiées pertinentes, notamment celles concernant la répartition et les études relatives à chacune de ces espèces. Le projet embrasse toutes les espèces d'invertébrés indépendants et ectoparasites du Quaternaire récent, mais ne comprend pas les insectes, les protozoaires et les endoparasites.

La *Bibliographia* porte sur tous les milieux d'eau salée et d'eau douce du Canada. Toutefois, afin que la synopsis englobe la faune des invertébrés aquatiques de toute l'Amérique du Nord septentrionale, notre étude embrasse également l'Alaska, Puget Sound, le lac Champlain, et les Grands Lacs, sauf le lac Michigan.

Dans les eaux douces, toutes les masses d'eau permanentes et temporaires de l'intérieur sont comprises. Le territoire étudié est subdivisé en treize régions correspondant au découpage politique: Colombie-Britannique, Alberta, Saskatchewan, Manitoba, Ontario, Québec, Nouveau-Brunswick, Nouvelle-Écosse, Île-du-Prince-Édouard, Terre-Neuve, Alaska (y compris les Aléoutiennes à l'est de 170° 0), territoire du Yukon et territoires du Nord-Ouest.

En ce qui concerne les eaux salées, notre travail englobe tous les endroits situés à l'intérieur de la courbe bathymétrique de 200 m (entre approximativement 48° et 170° 0), mais aussi les eaux profondes des enfoncements du littoral et des passages entre les îles. Le territoire étudié est subdivisé en

Region covers the coastal waters from Cape Flattery, Washington to the Aleutian Islands, Alaska, including Juan de Fuca Strait, Puget Sound, and the Gulf of Alaska. The Arctic Region, from the Aleutian Islands to Cape Chidley, Labrador, includes the east Bering Sea, the Chukchi and southern Beaufort Seas, and the coastal waters around and passages between the Canadian arctic islands. The Atlantic Region, from Cape Chidley to Brown Bank and the mouth of the Bay of Fundy, includes the Gulf of St. Lawrence and the Laurentian Channel.

Conventional tools, such as *Zoological Record* and *Biological Abstracts*, were used to search the literature. Complete runs of more than forty scientific journals which have been the primary sources for publications on aquatic invertebrates in general and Canadian species in particular were scanned, including: all publications in zoology by the National Museums of Canada and the United States National Museum; all publications by the Fisheries Research Board of Canada, *Canadian Journal of Zoology* and *The Canadian Field-Naturalist*, in all their different incarnations; and *Le Naturaliste canadien*. Subsequently, references cited in the publications reviewed were checked. We have striven to search all literature up to and including 1976 but realize that no endeavour of this sort could ever be complete*. In all we have reviewed works published in more than 700 different scientific journals and expedition reports and in numerous books, and abstracted relevant information from about 5,000 articles. This information is stored in the computer system of the Canadian Heritage Information Network of the National Museums of Canada.

With the computer facilities, three kinds of publications will be produced: a generic list, *Index Generum*, a reference list, *Index Bibliographicus*, and a series of species synopses of the taxonomic groups, *Synopsis Speciorum*. The inventory contains more than 17,000 species names in about 4,700 genera, from almost all phyla of the Animal Kingdom. Obviously, we will need the help of specialists to clarify the validity of some of these names, and invite scholars to author publications in the *Synopsis Speciorum* series, based on our computerized data.

This bibliography programme would not have been accomplished without the collective efforts of many people. In 1973, Diana Laubitz started to compile a bibliography of Canadian marine benthic invertebrates. This project was expanded to its present form in 1975 by Chang-tai Shih, Diana Laubitz, and Ian Sutherland. Nishi Sharma (1975-1980) and Penelope Adams (summers of 1975-1978) contracted to

trois régions correspondant aux trois océans; Pacifique, Arctique et Atlantique. La région du Pacifique englobe les eaux côtières depuis du cap Flattery (État de Washington) aux Aléoutiennes (Alaska), y compris le détroit de Juan de Fuca, Puget Sound, et le golfe d'Alaska. La région de l'Arctique s'étend des Aléoutiennes au cap Chidley (Labrador), y compris la partie orientale de la mer de Béring et de la mer des Tchoukches, et la partie méridionale de la mer de Beaufort, ainsi que les eaux côtières entourant les îles de l'Arctique canadien et les passages entre celles-ci. La région de l'Atlantique s'étend du cap Chidley (Labrador) jusqu'au banc de Brown et à l'embouchure de la baie de Fundy, y compris le golfe du Saint-Laurent et le chenal Laurentien.

Pour orienter nos recherches, nous avons consulté des volumes de références, comme le *Zoological Record* et les *Biological Abstracts*. De plus, nous avons dépouillé la collection complète de plus de quarante revues scientifiques, qui ont constitué les principales sources de publications sur les invertébrés aquatiques en général et au Canada en particulier, notamment: toutes les publications sur la zoologie des Musées nationaux du Canada et de l'«United States National Museum»; toutes les publications du Conseil de recherches sur les pêcheries du Canada, le *Journal canadien de zoologie* et le *Canadian Field-Naturalist* dans tous leurs avatars, et *Le Naturaliste canadien*. Il s'agissait ensuite de retracer les références indiquées dans les publications dépouillées. Nous avons essayé d'examiner toute la documentation publiée jusqu'en 1976 inclusivement, mais nous nous rendons compte qu'aucune tentative de ce genre ne sera jamais entièrement couronnée de succès*. En tout, le dépouillement à porté sur les travaux publiés dans plus de 700 revues scientifiques et rapports d'expéditions et dans de nombreux ouvrages, et quelque 5 000 articles ont fourni des données pertinentes. Ces informations sont stockées dans la banque du Réseau canadien d'information sur le patrimoine, aux Musées nationaux du Canada.

Nous servant des ressources de l'informatique, nous produirons trois types de publications: une liste générique, *Index Generum*; une liste de références, *Index Bibliographicus*; et une série de synopsis des noms spécifiques des groupes taxinomiques, *Synopsis Speciorum*. Nos données renferment le nom de plus de 17 000 espèces appartenant à quelque 4 700 genres ressortissant à presque tous les embranchements du règne animal. Évidemment, il nous faudra obtenir l'aide de spécialistes pour contrôler la validité de certains de ces noms. Des chercheurs seront invités à écrire des textes pour la série des *Synopsis Speciorum*, et ils auront accès à cette fin aux données informatisées.

Cette bibliographie n'existerait pas sans les efforts concertés d'un grand nombre de personnes. En 1973, Diana Laubitz a commencé à établir une bibliographie des invertébrés benthiques du Canada. En 1975, Chang-tai Shih, Diana Laubitz et Ian Sutherland étendirent la portée de ce projet et lui donnèrent sa forme actuelle. Nishi Sharma (1975-1980) et Penelope Adams (étés 1975-1978) s'engagèrent par contrat à dépouiller et à passer

*For recent publications, computerized retrieval systems are available, through, for instance, Canada Institute for Scientific and Technical Information (CISTI) of the National Research Council of Canada.

*Pour retracer les publications récentes, il existe des systèmes informatiques de recherche documentaire, comme celui de l'Institut canadien de l'information scientifique et technique (CISTI), au Conseil national de recherches du Canada.

search and review literature. Wendy Antoine, under contract, rearranged the data for computer input and operated the computer terminal.

Fahmida Rafi, Judith Fournier, Muriel Smith, Peter Frank, Rama Chengalath, Jacqueline Madill, and Jane Topping, all of the Invertebrate Zoology Division, Stephen Nash, Deanna Beckett, and Dale Johannsen, on contract, and several students, including Eva and Paul Laubitz, Lynn MacBeath, Stephen McKeen, Akshay Sharma, and Catherine Symons have contributed to our work and are duly acknowledged. The maps were prepared by Sally Gadd with the advice of Brian Gromie of the Department of Energy, Mines and Resources.

We thank Audrey Dawe and Valerie Monkhouse, respectively former and present Chief Librarian of the National Museums of Canada, and their staff for cheerfully accepting our extraordinary demands on their service; Peter Homulus, Ray Bellamy and the staff of the Canadian Heritage Information Network, for assisting us in computer programming and data processing. For their encouragement and trust during the course of our seemingly never-ending preparation of the bibliography, we would like to express our deep appreciation to Daniel Faber, formerly Chief of the Canadian Oceanographic Identification Centre; Charles Gruchy, previously Chief of the Invertebrate Zoology Division and presently Acting Director of the National Museum of Natural Sciences; and Louis Lemieux, former Director of the National Museum of Natural Sciences.

Ottawa
November 1982

Chang-tai Shih
Diana R. Laubitz
Ian Sutherland

en revue des éléments de la documentation. Wendy Antoine, engagée comme contractuelle, a modifié la présentation des données à informatiser et fait fonctionner le terminal.

Fahmida Rafi, Judith Fournier, Muriel Smith, Peter Frank, Rama Chengalath, Jacqueline Madill et Jane Topping, tous de la Division de la zoologie des invertébrés, Stephen Nash, Deanna Beckett et Dale Johannsen, comme contractuels et plusieurs étudiants, notamment Eva et Paul Laubitz, Lynn MacBeath, Stephen McKeen, Akshay Sharma et Catherine Symons ont contribué à nos travaux et ils ont droit à leur part de gratitude. Sally Gadd a préparé les cartes et a été conseillée par Brian Gromie du ministère de l'Énergie, des Mines et des Ressources.

Notre reconnaissance va également à Audrey Dawe et à Valerie Monkhouse, respectivement ancienne et actuelle bibliothécaire en chef des Musées nationaux du Canada, et à leur personnel, pour avoir accueilli avec une grande gentillesse nos demandes de services exceptionnelles, et à Peter Homulus, à Ray Bellamy et au personnel du Réseau canadien d'information sur le patrimoine, pour nous avoir aidé à programmer et à traiter les données. Enfin, pour leurs encouragements et leur confiance tout au long de notre interminable travail de préparation de la Bibliographie, nous tenons à exprimer nos profonds remerciements à Daniel Faber, autrefois chef du Centre canadien d'identification océanographique, Charles Gruchy, anciennement chef de la Division de la zoologie des invertébrés et présentement directeur intérimaire du Musée national des sciences naturelles, et à Louis Lemieux, ancien directeur du Musée national des sciences naturelles.

Ottawa
Novembre 1982

Chang-tai Shih
Diana R. Laubitz
Ian Sutherland

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INTRODUCTION

The class Hirudinea is represented in Canada by five families. The Erpobdellidae are opportunistic predators and scavengers. Most Glossiphoniidae are parasitic on fishes, turtles, amphibians, and waterfowl, or are predatory on gastropods and other invertebrates. The glossiphoniid *Theromyzon* and the family Hirudinidae are true "bloodsuckers" and attack birds, mammals, other vertebrates, and invertebrates. The Piscicolidae are parasitic on fishes and crustaceans.

The Acanthobdellidae are fish parasites; their phylogenetic position within the Annelida is uncertain, but they are included with the leeches (Clark, 1969). The Branchiobdellida, which also superficially resemble leeches, are not treated here.

Hirudinea was the commonly accepted name for the leeches until Soós (1969B) introduced the term Hirudinoidea for the class. Hirudinoidea has been extensively used in the recent literature. This term is not used here because it implies superfamily status for the group (International Commission for Zoological Nomenclature, Recommendation 29A), whose correct position within the phylum Annelida is still not determined (Clark, 1969; Stuart, 1982; Brinkhurst, 1982).

The taxonomic characters of the Hirudinea have sometimes been poorly chosen. Soós' (1969B) comment that "The most urgent task, with respect to the family Glossiphoniidae, is the establishing of the specific and generic characters," applies to all families. Many species descriptions are based on external characters, such as pigmentation and papillation, which are highly variable especially in preserved specimens. To provide a solid base for taxonomy, descriptions must include the internal anatomy.

There are differences of opinion among taxonomists over the application of some generic and specific names. In this synopsis, the separation of certain genera and species is retained so as not to lose any information. Thus, the "variations" of *Helobdella triseriatis* are entered as *Helobdella fusca* and *Helobdella triseriatis*.

There has been a tendency to place all North American haemiposoid leeches in the genus *Haemopsis* (Sawyer, 1972; Klemm, 1982). However, Richardson's (1969) division of the group into the genera *Mollibdella*, *Bdellarogatis*, and *Percymooresis* corresponds with anatomical differences between the species, and is adopted in this synopsis.

The closely related genera *Myzobdella* and *Illinobdella* were studied by Sawyer *et al.* (1975). The brackish-water *Myzobdella lugubris* and *M. moorei* were synonymized, with *M. lugubris* taking precedence. These authors also suggested that the genus *Illinobdella* (reviewed by Meyer 1940, 1946) is identical to *Myzobdella*. The relationship between these two genera needs to be investigated further before this latter synonymy can be accepted.

INTRODUCTION

La classe des Hirudinées est représentée au Canada par cinq familles. Les Erpobdellidés sont des prédateurs opportunistes et des charognards. La plupart des Glossiphoniidés parasitent des poissons, des tortues, des amphibiens et des oiseaux aquatiques, ou se nourrissent de gastéropodes et d'autres invertébrés. Le Glossiphoniidé *Theromyzon* et la famille des Hirudinidés sont véritables sangsues et s'attaquent aux oiseaux, aux mammifères, à d'autres vertébrés ainsi qu'aux invertébrés. Les Piscicolidés parasitent des poissons et des crustacés.

Les Acanthobdellidés parasitent des poissons; leur place phylogénique parmi les Annelidés est incertaine, mais nous les classons parmi les Hirudinées (d'après Clark, 1969). Les Branchiobdellidés, qui eux aussi ressemblent superficiellement aux Hirudinées, ne sont pas traités ici.

Le terme Hirudinea fut le nom communément accepté pour les Hirudinées jusqu'à ce que Soós (1969B) introduise le terme Hirudinoidea pour désigner la classe. Ce terme a été largement utilisé dans les ouvrages récents. Nous ne l'employons pas ici, car il sous-entendrait une classification du groupe parmi les super-familles (Commission internationale de la nomenclature zoologique, Recommendation 29A), alors que sa place exacte dans l'embranchement des Annelidés est encore indéterminée (Clark, 1969; Stuart, 1982; Brinkhurst, 1982).

Les caractères taxinomiques des Hirudinées ont parfois été mal choisis. L'observation de Soós (1969B) — "The most urgent task, with respect to the family Glossiphoniidae, is the establishing of the specific and generic characters" — s'applique à toutes les familles. Bon nombre de descriptions d'espèces se fondent sur des caractères externes, comme la pigmentation ou les papilles, qui sont fort variables, spécialement chez les spécimens préservés. Pour constituer une base taxinomique solide, les descriptions doivent tenir compte de l'anatomie interne.

Les taxinomistes ne s'accordent pas sur l'application de certains noms génériques et spécifiques. Dans la présente synopsis, nous avons conservé la distinction entre certains genres et espèces afin de ne pas perdre d'information. Par conséquent, les "variantes" de *Helobdella triseriatis* figurent sous les appellations *Helobdella fusca* et *Helobdella triseriatis*.

On a eu tendance à classer toutes les sangsues haemiposoides d'Amérique du Nord dans le genre *Haemopsis* (Sawyer, 1972; Klemm, 1982). Toutefois, la division de Richardson (1969), qui distingue les genres *Mollibdella*, *Bdellarogatis* et *Percymooresis*, correspond à des différences anatomiques entre les espèces et est adoptée dans la présente synopsis.

Les genres *Myzobdella* et *Illinobdella*, étroitement apparentés, ont été étudiés par Sawyer *et al.* (1975). *Myzobdella lugubris* et *M. moorei*, qui vivent dans les eaux saumâtres, sont considérées comme synonymes, l'appellation *M. lugubris* ayant la priorité. Ces auteurs estiment également que le genre *Illinobdella* (révisé par Meyer, 1940, 1946) est identique à *Myzobdella*. Il y a lieu d'examiner davantage les rapports entre ces deux genres avant d'accepter cette dernière synonymie.

The references by Davies (1971), Klemm (1982), and Sawyer (1972) provide keys to the identification of the freshwater leeches in North America and are excellent reviews of the fauna. There have been no such comprehensive studies on the Canadian marine leech fauna. The taxonomy followed in this synopsis is generally that of Soós (1965, 1966B, 1969A, 1969B).

In this *Synopsis Speciorum*, genera and species are arranged alphabetically by their currently accepted names within their respective families, which are also in alphabetical order. Below each species heading is a list of the names applied. Where a name is recorded followed by AS. . . (e.g., AS OCULOBDDELLA LUCIDEA), this generally indicates that an incorrect spelling, such as a traditional variation or a typographical error, was used.

Following the list of names applied is a notation as to the usual general habitat of the animal concerned. This has been limited to "marine" or "freshwater", and "benthic", "planktonic", or "ectoparasitic" or some combination of these terms. The geographic regions used are explained in the preface and are shown on the maps on the endpapers of *Index Bibliographicus*. Records which have no more geographic information than "Canada" are not included in this report.

To describe the context in which the species is discussed in each report, 15 general subject categories were designated:

Behaviour	Bibliography	Biochemistry	Development	Distribution
Ecology	Fisheries	Genetics	Life History	Morphology
Pathology	Physiology	Systematics	Taxonomy	Techniques

While it is recognized that any division of this nature is arbitrary, these categories taken together seem to cover the field fairly completely with a minimum of overlap. Records may be listed under more than one category.

Parasitology is included under the category Ecology when referring to leeches as parasites. When leeches are themselves the hosts of parasites Pathology is the category used.

Complete bibliographic citations for most references published prior to 1977 may be found in *Index Bibliographicus*, Volume 2 of *Bibliographia*. Bibliographic citations to articles published after 1976 and earlier references not included in *Index Bibliographicus* are listed in the present synopsis.

I wish to thank Diana Laubitz, Ian Sutherland, Chang-tai Shih, Wendy Antoine, and Rolande Gaulin, all of the Invertebrate Zoology Division, National Museum of Natural Sciences, for their help in the production of this bibliography; and to Nishi Sharma and Penelope Adams for the painstaking task of search and review of the literature. Comments and advice on leech taxonomy from Dr. Ronald W. Davies, University of Calgary, Dr. Donald J. Klemm, U.S. Environmental Protection Agency; and Dr. Marvin C. Meyer, University of Maine, have been invaluable. Special thanks go to the staff of the Canadian Heritage

Les ouvrages de Davies (1971), Klemm (1982) et Sawyer (1972) fournissent des clés pour l'identification des Hirudiniées d'eau douce de l'Amérique du Nord et constituent d'excellentes études de cette faune. Il n'existe aucune étude aussi approfondie sur les Hirudiniées marines du Canada. La taxinomie adoptée dans la présente synopsis est généralement celle de Soós (1965, 1966B, 1969A, 1969B).

Dans cette *Synopsis Speciorum*, les genres et les espèces, désignés par leur nom actuellement reconnu, sont disposés par ordre alphabétique sous la rubrique de leurs familles respectives, lesquelles figurent également dans l'ordre alphabétique. La vedette de chaque espèce est suivie de la liste des noms usités. Lorsqu'un nom est suivi de la mention AS. . . (par exemple, AS OCULOBDDELLA LUCIDEA), cela signifie généralement qu'une orthographe fautive, telle qu'une variation traditionnelle ou une coquille, a été employée.

La liste des noms en usage est suivie d'une note indiquant l'habitat général ordinaire de l'animal décrit. Cette indication est limitée à "marine" ou "freshwater", et à "benthic", "planktonic" ou "ectoparasitic" ou à une combinaison de ces termes. Les régions géographiques citées sont définies dans la préface et sont représentées sur les cartes des pages de garde de l'*Index Bibliographicus*. Les ouvrages dont l'information géographique se limite au "Canada" ne sont pas citées dans la synopsis.

Pour décrire le contexte dans lequel s'inscrit l'analyse des espèces dans chaque compte rendu, quinze grands domaines ont été retenus:

Comportement	Bibliographie	Biochimie	Développement	Répartition
Écologie	Pêcheries	Génétique	Cycle évolutif	Morphologie
Pathologie	Physiologie	Systématique	Taxinomie	Méthodologies

Bien qu'on reconnaisse le caractère arbitraire que présente toute division de cette nature, ces catégories prises dans leur ensemble paraissent couvrir assez bien toute l'étendue du sujet avec un minimum de chevauchement. Les documents peuvent être cités sous plus d'une catégorie.

La parasitologie est classée dans la catégorie Écologie lorsqu'on considère les Hirudiniées comme des parasites. Par contre, lorsqu'elles sont elles-mêmes parasitées, on emploie la catégorie Pathologie.

On pourra trouver dans l'*Index Bibliographicus*, le Volume 2 de la *Bibliographia*, les citations bibliographiques complètes de la plupart des ouvrages publiés avant 1977. Les références bibliographiques aux articles publiés après 1976 et les références antérieures qui ne figurent pas dans l'*Index Bibliographicus* sont données dans la présente synopsis.

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- Soós, Á. 1969B. Identification key to the leech (Hirudinoidea) genera of the world, with a catalogue of the species. 6. Family: Glossiphoniidae. *Acta Zool. Acad. Sci. Hung.* 15:397-454.
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Orders and families of Hirudinea recorded from Canada
Ordres et familles des Hirudinées signalées au Canada

ACANTHOBDELLIDA

Acanthobdellidae

RHYNCHOBDELLIDA

Glossiphoniidae
Piscicolidae

GNATHOBDELLIDA

Hirudinidae

PHARYNGOBDELLIDA

Erpobdellidae

Régions géographiques utilisées dans *Bibliographia*
Geographic regions used in *Bibliographia*

Freshwater regions — Régions d'eau douce

Newfoundland
Prince Edward Island
Nova Scotia
New Brunswick
Quebec
 Lake Champlain
Ontario
 St. Lawrence Great Lakes
Manitoba
Saskatchewan
Alberta
British Columbia
Northwest Territories
Yukon Territory
Alaska

Marine regions — Régions d'eau salée

Atlantic
 Bay of Fundy
 Nova Scotia
 Gulf of St. Lawrence
Newfoundland
Labrador
Arctic
 Hudson Bay
 Canadian Archipelago
Beaufort Sea
Bering Sea
Pacific
 Aleutian Islands
 Alaska
 British Columbia
 Vancouver Island
 Strait of Georgia
 Juan de Fuca Strait
 Puget Sound

Synopsis speciorum

6 ACANTHOBDELLIDAE**ACANTHOBDELLIDAE****ACANTHOBELLA PELEDINA GRUBE 1851**

NAMES APPLIED/NOMS EMPLOYES
ACANTHOBELLA PELEDINA GRUBE 1851
HAUCKA,K. ET AL. 1979

FRESHWATER ECTOPARASITIC
REGIONS
ALASKA HAUCKA,K. ET AL. 1979
DISTRIBUTION/REPARTITION
HAUCKA,K. ET AL. 1979
ECOLOGY/ECOLOGIE
HAUCKA,K. ET AL. 1979
MORPHOLOGY/MORPHOLOGIE
HAUCKA,K. ET AL. 1979

ACANTHOBELLA SP.

NAMES APPLIED/NOMS EMPLOYES
ACANTHOBELLA SP.
HOLMQUIST,C. 1974B, 1975

FRESHWATER ECTOPARASITIC
REGIONS
ALASKA HOLMQUIST,C. 1974B, 1975
MORPHOLOGY/MORPHOLOGIE
HOLMQUIST,C. 1974B
TAXONOMY/TAXINOMIE
HOLMQUIST,C. 1975

ERPOBDELLIDAE**DINA ANOCULATA MOORE 1898**

NAMES APPLIED/NOMS EMPLOYES
DINA ANOCULATA MOORE 1898
SCUDDER,G.G.E., MANN 1968

FRESHWATER BENTHIC
REGIONS
BRITISH COLUMBIA/COLONBIE-BRITANNIQUE SCUDDER,G.G.E., MANN 1968
DISTRIBUTION/REPARTITION
SCUDDER,G.G.E., MANN 1968
ECOLOGY/ECOLOGIE
SCUDDER,G.G.E., MANN 1968

DINA DUBIA MOORE & MEYER 1951

NAMES APPLIED/NOMS EMPLOYES
DINA DUBIA MOORE & MEYER 1951
MOORE,J.P., MEYER 1951 OLIVER,D.R. 1958 MOORE,J.E. 1966A KUSSAT,R.H. 1969 DA-
VIES,R.W. 1973 VINCENT,B., VAILLANCOURT 1977A, 1980 KLEMM,D.J. 1982

FRESHWATER BENTHIC
REGIONS
QUEBEC VINCENT,B., VAILLANCOURT 1977A, 1980
ONTARIO DAVIES,R.W. 1973 VINCENT,B., VAILLANCOURT 1977A
SASKATCHEWAN OLIVER,D.R. 1958
ALBERTA MOORE,J.E. 1966A KUSSAT,R.H. 1969 DAVIES,R.W. 1973
NORTHWEST TERRITORIES/TERRITOIRES DU NORD-OUEST MOORE,J.P., MEYER 1951
ALASKA KLEMM,D.J. 1982
DISTRIBUTION/REPARTITION
MOORE,J.P., MEYER 1951 OLIVER,D.R. 1958 MOORE,J.E. 1966A KUSSAT,R.H. 1969 DA-
VIES,R.W. 1973 VINCENT,B., VAILLANCOURT 1980 KLEMM,D.J. 1982
ECOLOGY/ECOLOGIE
MOORE,J.E. 1966A KUSSAT,R.H. 1969 VINCENT,B., VAILLANCOURT 1980 KLEMM,D.J.
1982
MORPHOLOGY/MORPHOLOGIE
MOORE,J.P., MEYER 1951 KLEMM,D.J. 1982

TAXONOMY/TAXINOMIE
MOORE,J.P., MEYER 1951 DAVIES,R.W. 1973 KLEMM,D.J. 1982

DINA PARVA MOORE 1912

NAMES APPLIED/NOMS EMPLOYES
DINA PARVA MOORE 1912
MOORE,J.P. 1922 ADAMSTONE,F.B., HARKNESS 1923 ADAMSTONE,F.B. 1924 MOORE,J.P.
1924 RAWSON,D.S. 1928 BERER, R. 1929 RAWSON,D.S. 1930 MOORE,J.P. 1936, RAW-
SON,D.S., MOORE 1944 MEYER,M.C., MOORE 1954 OLIVER,D.R. 1958 MOORE,J.E. 1964
THOMAS,L.H. 1965(AIMS) DAVIES,R.W. 1973, 1979 VINCENT,B., VAILLANCOURT 1980
KLEMM,D.J. 1982

FRESHWATER BENTHIC
REGIONS
QUEBEC MOORE,J.P. 1922 DAVIES,R.W. 1973, 1979 VINCENT,B., VAILLANCOURT 1980
ONTARIO MOORE,J.P. 1922 ADAMSTONE,F.B., HARKNESS 1923 ADAMSTONE,F.B. 1924
MOORE,J.P. 1924 RAWSON,D.S. 1928, 1930 MOORE,J.P. 1936 MEYER,M.C., MOORE 1954
THOMAS,L.H. 1965(AIMS) DAVIES,R.W. 1973
MANITOBA KLEMM,D.J. 1982
SASKATCHEWAN RAWSON,D.S., MOORE 1944 OLIVER,D.R. 1958
ALBERTA BERER, R. 1929 MOORE,J.E. 1964 DAVIES,R.W. 1973

DISTRIBUTION/REPARTITION
MOORE,J.P. 1922 ADAMSTONE,F.B., HARKNESS 1923 ADAMSTONE,F.B. 1924 RAW-
SON,D.S. 1928, BERER, R. 1929 RAWSON,D.S. 1930 MOORE,J.P. 1936 RAWSON,D.S.,
MOORE 1944 MEYER,M.C., MOORE 1954 OLIVER,D.R. 1958 MOORE,J.E. 1964 THOM-
AS,L.H. 1965(AIMS) DAVIES,R.W. 1973, 1979 VINCENT,B., VAILLANCOURT 1980
KLEMM,D.J. 1982

ECOLOGY/ECOLOGIE
MOORE,J.P. 1924 RAWSON,D.S. 1930 VINCENT,B., VAILLANCOURT 1980 KLEMM,D.J.
1982
MORPHOLOGY/MORPHOLOGIE
MOORE,J.P. 1922 BERER, R. 1929 MOORE,J.E. 1936 KLEMM,D.J. 1982
TAXONOMY/TAXINOMIE
MOORE,J.P. 1922 BERER, R. 1929 MOORE,J.E. 1964 DAVIES,R.W. 1973 KLEMM,D.J.
1982

DINA SP.

NAMES APPLIED/NOMS EMPLOYES
DINA SP.
PRICE,J.W. 1963 BASCH,R.E., ET AL. 1980
NEPHELIS SP.
NICHOLSON,H.A. 1872

FRESHWATER BENTHIC
REGIONS
ONTARIO NICHOLSON,H.A. 1872 PRICE,J.W. 1963 BASCH,R.E., ET AL. 1980
DISTRIBUTION/REPARTITION
NICHOLSON,H.A. 1872 BASCH,R.E., ET AL. 1980
ECOLOGY/ECOLOGIE
NICHOLSON,H.A. 1872 PRICE,J.W. 1963 BASCH,R.E., ET AL. 1980
LIFE HISTORY/CYCLE EVOLUTIF
NICHOLSON,H.A. 1872
MORPHOLOGY/MORPHOLOGIE
NICHOLSON,H.A. 1872

ERPOBELLA OCTOCULATA (LINNAEUS 1758)

NAMES APPLIED/NOMS EMPLOYES
ERPOBELLA ATOMARIA (CARENA 1820)
RAWSON,D.S. 1953B
ERPOBELLA OCTOCULATA (LINNAEUS 1758)
WEBB,R.A. 1980B

FRESHWATER BENTHIC
REGIONS
ONTARIO WEBB,R.A. 1980B
NORTHWEST TERRITORIES/TERRITOIRES DU NORD-OUEST RAWSON,D.S. 1953B
BIOCHEMISTRY/BIOCHIMIE
WEBB,R.A. 1980B
DISTRIBUTION/REPARTITION
RAWSON,D.S. 1953B WEBB,R.A. 1980B

ERPODELLA OCTOCUTLATA (LINNAEUS 1758) - Cont'd.

ECOLOGY/ECOLOGIE

WEFBR.A 1980B

LIFE HISTORY/CYCLE/ÉVOLUTION

WEFBR.A 1980B

PHYSIOLOGY/PHYSIOLOGIE

WEFBR.A 1980B

ERPODELLA PUNCTATA (LEIDY 1870)

NAMES APPLIED/NOMS EMPLOYÉS

ERPODELLA PUNCTATA (LEIDY 1870)

MILLER,J.A 1927. RYERSON,C.G.S 1915. MOORE,J.P 1922. ADAMSTONE,F.B. HARKNESS 1923. MOORE,J.P 1924. BERER,1929. RICKER,W.E 1932B. RAWSON,D.S 1934. MOORE,J.P 1936. CLEMENSA,W.A., ET AL. 1939. RAWSON,D.S. MOORE 1944. PAWLOWSKILL,K. 1948. MOORE,J.P., MEYER 1951. RAWSON,D.S 1953B. MEYER,M.C. MOORE,J.P., KEITHM.M 1955. RAWSON,D.S 1957B. OLIVER,D.R 1958. RAWSON,D.S 1959. OLIVER,D.R 1960. THOMAS,M.L.H 1965(A)MS. MOORE,J.P 1966A. JUDD,W.W 1968. SCUDDER,G.G.E. MANN 1968. JUDD,W.W 1969. KUSSAT,R.H 1969. PATERSON,C.G. FERNANDO 1969B. GATES,G.E. MOORE 1970. BRITTON,W., ET AL. 1973. DAVIES,R.W 1973. MCCLUNG,R.P 1974(MS). DAVIES,R.W., EVERETT 1975. HOLMQUIST,C 1975. ROSENBERG,D.M 1975. WILLIAMS,D.D. HYNES 1976A, 1976B. DAVIES,R.W., ET AL. 1977. VINCENT,B., VAILLANCOURT 1977B. 1978. BARTON,D.R. HYNES 1978A. DAVIES,R.W. 1979. MCKINNEY,F. DERRICKSON 1979. VINCENT,B 1979. LEBLANC,J.M. MCCLUNG 1979(MS). VINCENT,B., VAILLANCOURT 1980. DAVIES,R.W. ET AL. 1981.

ERPODELLA PUNCTATA (LEIDY 1870) AS ERPODELLA PUNCTATA

PRICE,J.W 1963

ERPODELLA PUNCTATA ANNULATA MOORE 1922

MOORE,J.P 1922

HERPODELLA LATERALIS (VERILL 1871)

ADAMS,C.C 1909

HERPODELLA PUNCTATA (LEIDY 1870)

KRECKER,F.H 1924. MILLER,J.A 1929. RICHARDSON,L.R 1936. MEYER,M.C 1937. SMITH,S.I 1938B. RICHARDSON,L.R 1942. SHELFORD,V.E. BOESSEL 1942. FANTHAM,H.B. PORTER 1948. WRIGHTS 1955.

NEPHELES LATERALIS VERRILL 1871

SMITH,S.I. VERRILL 1871. SMITH,S.I 1871B. NICHOLSON,H.A 1873. SMITH,S.I 1874C. VERRILL.AE 1874D.

FRESHWATER BENTHIC

REGIONS

NEWFOUNDLAND/TERRÉ-NEUVE PAWLOWSKILL,K 1948. DAVIES,R.W 1973

NOVA SCOTIA/NOUVELLE-ÉCOSSE MOORE,J.P 1922. SMITH,W 1938B. PAWLOWSKILL,K 1948. GATES,G.E., MOORE 1970. MCCLUNG,R.P 1974(MS). LEBLANC,J.M. MCCLUNG 1979(MS).

NEW BRUNSWICK/NOUVEAU-BRUNSWICK DAVIES,R.W 1973

QUEBEC MOORE,J.P 1922. RICHARDSON,L.R 1936, 1942. FANTHAM,H.B., PORTER 1948. DAVIES,R.W 1973. VINCENT,B., VAILLANCOURT 1977B, 1978. DAVIES,R.W 1979. VINCENT,B 1979. VINCENT,B., VAILLANCOURT 1980.

ONTARIO SMITH,S.I. 1871. SMITH,S.I 1871B. NICHOLSON,H.A 1873. SMITH,S.I 1874C. VERRILL.AE 1874D. MOORE,J.P 1906C. ADAMS,C.C 1909. HUNTSMAN,A.G 1913. RYERSON,C.G.S 1915. MOORE,J.P 1922. ADAMSTONE,F.B. HARKNESS 1923.

MOORE,J.P 1924. KRECKER,F.H 1924. MILLER,J.A. 1929. RICKER,W.E 1932B. MOORE,J.P 1936. MEYER,M.C 1937. SHELFORD,V.E. BOESSEL 1942. MEYER,M.C. MOORE 1954. WRIGHTS 1955. PRICE,J.W 1963. THOMAS,M.L.H 1965(A)MS. JUDD,W.W 1968, 1969. PATERSON,C.G. FERNANDO 1969B. BRITTON,W., ET AL. 1973. DAVIES,R.W 1973. WILLIAMS,D.D. HYNES 1976A, 1976B. BARTON,D.R. HYNES 1978A. MANTOBA MEYER,M.C. MOORE 1954. MOORE 1954. RAWSON,D.S 1957B. OLIVER,D.R 1958. SASKATCHEWAN RAWSON,D.S. MOORE 1944. RAWSON,D.S 1957B. OLIVER,D.R 1958. RAWSON,D.S 1959. OLIVER,D.R 1960.

ALBERTA BEKE R 1929. MOORE,J.E 1966A. KUSSAT,R.H 1969. DAVIES,R.W 1973. DAVIES,R.W. EVERETT 1975. ROSENBERG,D.M 1975. DAVIES,R.W. ET AL. 1977. MCKINNEY,F. DERRICKSON 1979. OSBORNE,L.L., ET AL. 1980. REYNOLDSO,T.B., DAVIES 1980. DAVIES,R.W. ET AL. 1981.

BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE MOORE,J.P 1922. RAWSON,D.S 1934. CLEMENSA,W.A. ET AL. 1939. MEYER,M.C. MOORE 1954. SCUDDER,G.G.E., MANN 1968. DAVIES,R.W 1973.

NORTHWEST TERRITORIES-TERRITOIRES DU NORD-OUEST RAWSON,D.S 1953B. DAVIES,R.W 1973. HOLMQUIST,C 1975.

YUKON TERRITORY/TERRITOIRE DU YUKON KEITHM.M 1955. DAVIES,R.W 1973.

ALASKA MOORE,J.P., MEYER 1951.

BEHAVIOUR/COMPORTEMENT

MILLER,J.A 1927.

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DAVIES,R.W., EVERETT 1975

DISTRIBUTION/REPARTITION

SMITH,S.I, VERRILL 1871. SMITH,S.I 1871B. NICHOLSON,H.A 1873. SMITH,S.I 1874C. VERRILL.AE 1874D. MOORE,J.P 1906C. ADAMS,C.C 1909. HUNTSMAN,A.G 1913. MOORE,J.P 1922. ADAMSTONE,F.B. HARKNESS 1923. MOORE,J.P 1924. KRECKER,F.H 1924. BERER 1929. MILLER,J.A. 1929. RICKER,W.E 1932B. RAWSON,D.S 1934. MOORE,J.P 1936. RICHARDSON,L.R 1936. MEYER,M.C 1937. SMITH,W 1938B. CLEMENSA,W.A. ET AL. 1939. RICHARDSON,L.R 1942. SHELFORD,V.E. BOESSEL 1942. RAWSON,D.S. MOORE 1944. PAWLOWSKILL,K. 1948. MOORE,J.P., MEYER 1951. RAWSON,D.S 1953B. MEYER,M.C. MOORE 1954. KEITHM.M 1955. WRIGHTS 1955. OLIVER,D.R 1958, 1960. THOMAS,M.L.H 1965(A)MS. MOORE,J.P 1966A. JUDD,W.W 1968. SCUDDER,G.G.E. MANN 1968. JUDD,W.W 1969. KUSSAT,R.H 1969. PATERSON,C.G. FERNANDO 1969B. GATES,G.E. MOORE 1970. BRITTON,W., ET AL. 1973. DAVIES,R.W 1973. MCCLUNG,R.P 1974(MS). HOLMQUIST,C 1975. WILLIAMS,D.D. HYNES 1976B. DAVIES,R.W. ET AL. 1977. VINCENT,B., VAILLANCOURT 1977B, 1978. BARTON,D.R. HYNES 1978A. DAVIES,R.W. 1979. MCKINNEY,F. DERRICKSON 1979. VINCENT,B 1979. LEBLANC,J.M. MCCLUNG 1979(MS). VINCENT,B., VAILLANCOURT 1980. DAVIES,R.W. ET AL. 1981.

ECOLOGY/ÉCOLOGIE

MOORE,J.P 1924. KRECKER,F.H 1924. MILLER,J.A 1929. RICKER,W.E 1932B. RAWSON,D.S 1934. RICHARDSON,L.R 1936. CLEMENSA,W.A., ET AL. 1939. RICHARDSON,L.R 1942. SHELFORD,V.E. BOESSEL 1942. RAWSON,D.S. MOORE 1944. PAWLOWSKILL,K. 1948. MOORE,J.P., MEYER 1951. RAWSON,D.S 1953B, 1959. PRICE,J.W 1963. MOORE,J.P 1966A. JUDD,W.W 1968. SCUDDER,G.G.E. MANN 1968. JUDD,W.W 1969. KUSSAT,R.H 1969. PATERSON,C.G. FERNANDO 1969B. BRITTON,W., ET AL. 1973. MCCLUNG,R.P 1974(MS). DAVIES,R.W. 1979. VINCENT,B., VAILLANCOURT 1977B, 1978. BARTON,D.R. HYNES 1978A. DAVIES,R.W. ET AL. 1977. VINCENT,B., VAILLANCOURT 1977B, 1978. BARTON,D.R. HYNES 1978A. DAVIES,R.W. 1979. MCKINNEY,F. DERRICKSON 1979. VINCENT,B 1979. VINCENT,B., VAILLANCOURT 1980. DAVIES,R.W. ET AL. 1981.

LIFE HISTORY/CYCLE/ÉVOLUTION

MOORE,J.E 1966A. DAVIES,R.W. ET AL. 1977.

MORPHOLOGY/MORPHOLOGIE

SMITH,S.I, VERRILL 1871. SMITH,S.I 1871B. NICHOLSON,H.A 1873. VERRILL.AE 1874D. MOORE,J.P 1922. BERER 1929. MILLER,J.A 1929. MOORE,J.P 1936.

PHYSIOLOGY/PHYSIOLOGIE

OSBORNE,L.L., ET AL. 1980. REYNOLDSO,T.B., DAVIES 1980.

TAXONOMY/TAXINOMIE

SMITH,S.I, VERRILL 1871. VERRILL.AE 1874D. MOORE,J.P 1906C. RYERSON,C.G.S 1915. MOORE,J.P 1922. BERER 1929. MILLER,J.A 1929. MOORE,J.P., MEYER 1951. MEYER,M.C. MOORE 1954. KEITHM.M 1955. DAVIES,R.W 1973.

TECHNIQUES/METHODOLOGIES

MCCLUNG,R.P 1974(MS).

ERPODELLA SP.

NAMES APPLIED/NOMS EMPLOYÉS

ERPODELLA SP.

RAWSON,D.S 1930. PRICE,J.W 1963. PICKAVANCE,J.R 1971.

HERPODELLA SP.

KRECKER,F.H., LANCASTER 1933.

FRESHWATER BENTHIC

REGIONS

NEWFOUNDLAND/TERRÉ-NEUVE PICKAVANCE,J.R 1971.

ONTARIO RAWSON,D.S 1938. KRECKER,F.H., LANCASTER 1933. PRICE,J.W 1963.

DISTRIBUTION/REPARTITION

RAWSON,D.S 1930. KRECKER,F.H., LANCASTER 1933. PICKAVANCE,J.R 1971.

ECOLOGY/ÉCOLOGIE

PRICE,J.W 1963. PICKAVANCE,J.R 1971.

MOOREOBDELLA FERVIDA (VERRILL 1871)

NAMES APPLIED NOMS EMPLOYÉS

DINA FERVIDA (VERRILL 1871)
 SCHMITT J 1904 MOORE J P 1906C, 1922 MILLER J A 1929 MOORE J P 1936 MEYER M C 1937 RICHARDSON L R 1943 RAWSON D S, MOORE 1944 MEYER M C, MOORE 1954 WRIGHTE 1955 OLIVER D R 1958 PRICE J W 1963
 MOOREOBDELLA FERVIDA (VERRILL 1871)
 FREDEN F J H, SHAMANCHUK 1960 MOORE J E 1964 RONENBERG, D M 1975 VINCENT B, VAILLANCOURT 1977B LEBLANC J M, MCCLEUNG 1979(MS)
 VINCENT B, VAILLANCOURT 1980
 MOOREOBDELLA FERVIDA (VERRILL 1871) AS MOOREOBDELLA FERVIDA
 DAVIES R W 1973
 NIPHILIN FERVIDA VERRILL 1871
 SMITHS I, VERRILL 1871 SMITHS I 1871B, 1874C VERRILL A E 1874D

FRESHWATER BENTHIC

REGIONS

NEWFOUNDLAND, TERRE-NEUVE DAVIES R W 1973
 PRINCE EDWARD ISLAND, ÎLE-DU-PRINCE-ÉDOUARD RICHARDSON L R 1943
 NOVA SCOTIA, NOUVELLE-ÉCOSSE MOORE J P 1922 LEBLANC J M, MCCLEUNG 1979(MS)
 QUEBEC SCHMITT J 1904 DAVIES R W 1973 VINCENT B, VAILLANCOURT 1977B DAVIES R W 1979 VINCENT B VAILLANCOURT 1980
 ONTARIO SMITHS I, VERRILL 1871 SMITHS I 1871B, 1874C VERRILL A E 1874D MOORE J P 1906C, 1922 MILLER J A 1929 MOORE J P 1936 MEYER M C 1937 MEYER M C, MOORE 1954 WRIGHTE 1955 PRICE J W 1963
 SASKATCHEWAN RAWSON D S, MOORE 1944 OLIVER D R 1958
 ALBERTA FREDEN F J H, SHAMANCHUK 1960 MOORE J E 1964 DAVIES R W 1973 ROSENBERG, D M 1975

BRITISH COLUMBIA, COLUMBIE-BRITANNIQUE DAVIES R W 1973

BEHAVIOUR/COMPORTEMENT

RICHARDSON L R 1943

DISTRIBUTION/REPARTITION

SMITHS I, VERRILL 1871 SMITHS I 1871B, 1874C SCHMITT J 1904 MOORE J P 1906C, 1922 MILLER J A 1929 MOORE J P 1936 MEYER M C 1937 RICHARDSON L R 1943 RAWSON D S, MOORE 1944 MEYER M C, MOORE 1954 WRIGHTE 1955 OLIVER D R 1958 FREDEN F J H, SHAMANCHUK 1960 MOORE J E 1964 DAVIES R W 1973 ROSENBERG, D M 1975 VINCENT B, VAILLANCOURT 1977B DAVIES R W 1979 LEBLANC J M, MCCLEUNG 1979(MS) VINCENT B, VAILLANCOURT 1980

ECOLOGY/ÉCOLOGIE

SMITHS I 1874C MILLER J A 1929 FREDEN F J H, SHAMANCHUK 1960 PRICE J W 1963 RONENBERG, D M 1975 VINCENT B, VAILLANCOURT 1977B, 1980
 LIFE HISTORY, CYCLE ÉVOLUTIF
 VERRILL A E 1874D

MORPHOLOGY/MORPHOLOGIE

SMITHS I, VERRILL 1871 SMITHS I 1871B MILLER J A 1929 VINCENT B, VAILLANCOURT 1980

TAXONOMY/TAXINOMIE

SMITHS I, VERRILL 1871 VERRILL A E 1874D MOORE J P 1906C, 1922 MILLER J A 1929 MEYER M C, MOORE 1954 MOORE J E 1964 DAVIES R W 1973 VINCENT B, VAILLANCOURT 1980

MOOREOBDELLA MELANOSTOMA SAWYER & SHELLEY 1976

NAMES APPLIED NOMS EMPLOYÉS

MOOREOBDELLA MELANOSTOMA SAWYER & SHELLEY 1976
 VINCENT B, VAILLANCOURT 1980

FRESHWATER BENTHIC

REGIONS

QUEBEC VINCENT B, VAILLANCOURT 1980

DISTRIBUTION/REPARTITION

VINCENT B, VAILLANCOURT 1980

ECOLOGY/ÉCOLOGIE

VINCENT B, VAILLANCOURT 1980

MORPHOLOGY/MORPHOLOGIE

VINCENT B, VAILLANCOURT 1980

TAXONOMY/TAXINOMIE

VINCENT B, VAILLANCOURT 1980

MOOREOBDELLA MICROSTOMA (MOORE 1901)

NAMES APPLIED NOMS EMPLOYÉS

DINA MICROSTOMA MOORE 1901
 MOORE J P 1906C, 1936
 MOOREOBDELLA MICROSTOMA (MOORE 1901)
 VINCENT B VAILLANCOURT 1977B VINCENT B 1979 VINCENT B, VAILLANCOURT 1980
 MOOREOBDELLA MICROSTOMA (MOORE 1901) AS MOOREOBDELLA MICROSTOMA
 DAVIES R W 1973

FRESHWATER BENTHIC

REGIONS

QUEBEC VINCENT B, VAILLANCOURT 1977B VINCENT B 1979 VINCENT B, VAILLANCOURT 1980
 ONTARIO MOORE J P 1906C, 1936 DAVIES R W 1973

DISTRIBUTION/REPARTITION

MOORE J P 1906C, 1936 DAVIES R W 1973 VINCENT B VAILLANCOURT 1977B VINCENT B 1979 VINCENT B VAILLANCOURT 1980

ECOLOGY/ÉCOLOGIE

VINCENT B, VAILLANCOURT 1977B VINCENT B 1979 VINCENT B, VAILLANCOURT 1980

MORPHOLOGY/MORPHOLOGIE

VINCENT B, VAILLANCOURT 1980

TAXONOMY/TAXINOMIE

MOORE J P 1906C DAVIES R W 1973 VINCENT B, VAILLANCOURT 1980

MOOREOBDELLA SP

NAMES APPLIED NOMS EMPLOYÉS

MOOREOBDELLA SP

WILLARD J R 1975

FRESHWATER BENTHIC

REGIONS

SASKATCHEWAN WILLARD J R 1975

DISTRIBUTION/REPARTITION

WILLARD J R 1975

NEPHILOPSIS OBSCURA 1872

NAMES APPLIED/NOMS EMPLOYÉS

NIPHILOPSIS OBSCURA VERRILL 1872
 RUTHVEN A G 1906 RYERSON C G 1915 MOORE J P 1922 ADAMSTONE, F B, HARKNESS 1923 ADAMSTONE, F B 1924 MOORE J P 1924 RAWSON D S 1928 BIRCH 1929 RAWSON D S 1930 CRONKAM 1932 RICKER A E 1932B RAWSON D S 1934 RICKER A E 1934A RICHARDSON L R 1936 MEYER M C 1937 CLEMENS A E ET AL 1939 RICHARDSON L R 1942, 1943 RAWSON D S, MOORE 1944 PAWLOWSKI K 1948 MOORE J P, MEYER 1951 RAWSON D S 1953B MEYER M C, MOORE 1954 KEITHAM 1955 RAWSON D S, 1957B OLIVER D R 1958 RAWSON D S 1959 OLIVER D R 1960 MOORE J E 1964 THOMAS L H 1965(MS) MOORE J E 1966A SCUDDER G C E, MANN 1968 KUSATZ R H 1969 CLARKE A H JR 1970 DAVIES R W 1973 MCCLEUNG R P 1974(MS) BARTONEK J C, TRAUER 1975 DAVIES R W, EVERETT 1975 REYNOLDS N T B, DAVIES 1976 DAVIES R W, ET AL 1977 DAVIES R W, EVERETT 1977 VINCENT B, VAILLANCOURT 1977B DAVIES R W ET AL 1978 BARFORD R, HYNES 1978A DAVIES R W 1979 YURKOWSKI M, TABACHEK 1979 LEBLANC J M, MCCLEUNG 1979(MS) BASCHER, E, ET AL 1980 OSBORN, L L, ET AL 1980 REYNOLDS N T B, DAVIES 1980 VINCENT B, VAILLANCOURT 1980 DAVIES R W, ET AL 1981, 1982
 NIPHILOPSIS OBSCURA VERRILL 1872 AS NIPHILOPSIS OBSCURA
 ADAMS C 1909

FRESHWATER BENTHIC

REGIONS

NEWFOUNDLAND, TERRE-NEUVE PAWLOWSKI K 1948
 PRINCE EDWARD ISLAND, ÎLE-DU-PRINCE-ÉDOUARD RICHARDSON L R 1943 DAVIES R W 1973
 NOVA SCOTIA, NOUVELLE-ÉCOSSE LEBLANC J M, MCCLEUNG 1979(MS)
 NEW BRUNSWICK, NOUVEAU-BRUNSWICK MOORE J P 1922
 QUEBEC RICHARDSON L R 1936 MEYER M C 1937 RICHARDSON L R 1942 MEYER M C, MOORE 1954 CLARKE A H JR 1970 DAVIES R W 1973 VINCENT B, VAILLANCOURT 1977B DAVIES R W 1979 VINCENT B, VAILLANCOURT 1980

NEPHELOPSIS OBSCURA VERRILL 1872 - Cont'd.

- ONTARIO RUTHVEN A.G. 1906 ADAMS C.C. 1909 RYERSON, C.G.S. 1915 MOORE, J.P. 1922 ADAMSTONE, F.B. HARKNESS 1923 ADAMSTONE, F.B. 1924 MOORE, J.P. 1924 RAWSON, D.S. 1928 CRONK, M.W. 1932 RICKER, W.E. 1932B, 1934 MEYER, M.C., MOORE 1934 THOMAS, M.L.H. 1965(AMIS) DAVIES, R.W. 1973 BARTON, D.R., HYNES 1978A BACHRE, E. ET AL. 1980
- MANITOBA MEYER, M.C., MOORE 1954 DAVIES, R.W. 1973 YURKOWSKI, M., TABACHEK 1979
- SASKATCHEWAN RAWSON, D.S., MOORE 1944 MEYER, M.C., MOORE 1954 RAWSON, D.S. 1957B OLIVER, D.R. 1958 RAWSON, D.S. 1959 OLIVER, D.R. 1960 DAVIES, R.W. 1973
- ALBERTA MOORE, J.P. 1922 BERE, R. 1929 MOORE, J.E. 1964, 1966A KUNSAUER, H. 1969 DAVIES, R.W. 1978 MCGILVER, P. 1974(MS) DAVIES, R.W., EVERETT 1975 REYNOLDS, N.I.B. DAVIES 1976 DAVIES, R.W. ET AL. 1977 DAVIES, R.W., EVERETT 1977 DAVIES, R.W. ET AL. 1978 OSBORNE, L.L. ET AL. 1980 REYNOLDS, N.I.B. DAVIES 1980 DAVIES, R.W. ET AL. 1981 1982
- BRITISH COLUMBIA COLOMBIE-BRITANNIQUE RAWSON, D.S. 1934 CLEMENS, W.A., ET AL. 1939 MEYER, M.C., MOORE 1934 SCUDDER, G.G.E., MANN 1968 DAVIES, R.W. 1973
- NORTHWEST TERRITORIES TERRITOIRES DU NORD-OUEST MOORE, J.P., MEYER 1951 RAWSON, D.S. 1955 DAVIES, R.W. 1973 BARTON, D.R., TRAUGER 1975
- YUKON TERRITORY TERRITOIRE DU YUKON KEITH, M.M. 1955
- ALASKA KEITH, M.M. 1955

BEHAVIOUR/COMPORTEMENT

RICHARDSON, L.R. 1943 DAVIES, R.W., EVERETT 1975 DAVIES, R.W., ET AL. 1978

BIOCHEMISTRY/BIOCHIMIE

YURKOWSKI, M., TABACHEK 1979

DISTRIBUTION/REPARTITION

RUTHVEN, A.G. 1906 ADAMS, C.C. 1909 RYERSON, C.G.S. 1915 MOORE, J.P. 1922 ADAMSTONE, F.B. HARKNESS 1923 ADAMSTONE, F.B. 1924 MOORE, J.P. 1924 RAWSON, D.S. 1928 BERE, R. 1929 CRONK, M.W. 1932 RICKER, W.E. 1932B RAWSON, D.S. 1934 RICKER, W.E. 1934 RICHARDSON, L.R. 1936 MEYER, M.C. 1937 CLEMENS, W.A., ET AL. 1939 RICHARDSON, L.R. 1942, 1943 RAWSON, D.S., MOORE 1944 PAWLOWSKI, K.L. 1948 MOORE, J.P., MEYER 1951 RAWSON, D.S. 1953B MEYER, M.C., MOORE 1954 KEITH, M.M. 1955 RAWSON, D.S. 1957B OLIVER, D.R. 1958 RAWSON, D.S. 1959 OLIVER, D.R. 1960 MOORE, J.E. 1964 THOMAS, M.L.H. 1965(AMIS) MOORE, J.E. 1966A SCUDDER, G.G.E., MANN 1968 KUNSAUER, H. 1969 CLARKE, A.H. JR. 1970 DAVIES, R.W. 1973 MCGILVER, P. 1974(MS) BARTON, D.R., TRAUGER 1975 DAVIES, R.W., ET AL. 1977 DAVIES, R.W., EVERETT 1977 VINCENT, B., VAILLANCOURT 1977B DAVIES, R.W., ET AL. 1978 BARTON, D.R., HYNES 1978A DAVIES, R.W. 1979 YURKOWSKI, M., TABACHEK 1979 LEBLANC, J.M., MCGILVER, P. 1979(MS) BACHRE, E. ET AL. 1980 VINCENT, B., VAILLANCOURT 1980 DAVIES, R.W., ET AL. 1981 1982

ECOLOGY/ÉCOLOGIE

RUTHVEN, A.G. 1906 MOORE, J.P. 1924 RAWSON, D.S. 1930 RICKER, W.E. 1932B, 1934A RICHARDSON, L.R. 1936, 1942 RAWSON, D.S., MOORE 1944 PAWLOWSKI, K.L. 1948 RAWSON, D.S. 1957B, 1959 MOORE, J.E. 1964, 1966A SCUDDER, G.G.E., MANN 1968 KUNSAUER, H. 1969 DAVIES, R.W., EVERETT 1975 DAVIES, R.W., ET AL. 1977 DAVIES, R.W., EVERETT 1977 VINCENT, B., VAILLANCOURT 1977B DAVIES, R.W., ET AL. 1978 BARTON, D.R., HYNES 1978A YURKOWSKI, M., TABACHEK 1979 BACHRE, E. ET AL. 1980 VINCENT, B., VAILLANCOURT 1980 DAVIES, R.W. ET AL. 1981, 1982*

LIFE HISTORY CYCLE ÉVOLUTIF

RYERSON, C.G.S. 1909 RYERSON, C.G.S. 1915 MOORE, J.P. 1922 DAVIES, R.W., EVERETT 1977

MORPHOLOGY/MORPHOLOGIE

RYERSON, C.G.S. 1915 MOORE, J.P. 1922 BERE, R. 1929 PAWLOWSKI, K.L. 1948 MOORE, J.P., MEYER 1951 MOORE, J.E. 1964

PATHOLOGY/PATHOLOGIE

MOORE, J.E. 1964

PHYSIOLOGY/PHYSIOLOGIE

REYNOLDS, N.I.B. DAVIES 1976 DAVIES, R.W., ET AL. 1978 OSBORNE, L.L., ET AL. 1980 REYNOLDS, N.I.B., DAVIES 1980

TAXONOMY/TAXINOMIE

MOORE, J.P. 1922 BERE, R. 1929 MOORE, J.P., MEYER 1951 MEYER, M.C., MOORE 1954

TECHNIQUES/METHODOLOGIES

DAVIES, R.W., ET AL. 1978

ERPOBDELLIDAE GENUS INCERTUM

NEPHELIS SP

NAMES APPLIED/NOMS EMPLOYÉS

NEPHELIS SP
SMITH, I.S. 1871A

FRESHWATER/BENTHIC

REGIONS

ONTARIO SMITH, I.S. 1871A

DISTRIBUTION/REPARTITION

SMITH, I.S. 1871A

ERPOBDELLIDAE SPECIES INCERTAE SEDIS

NEPHELIS VERMIFORMIS NICHOLSON 1873

NAMES APPLIED/NOMS EMPLOYÉS

NEPHELIS VERMIFORMIS NICHOLSON 1873
NICHOLSON, H.A. 1873 VERRILLA, E. 1873D

FRESHWATER/BENTHIC

REGIONS

ONTARIO NICHOLSON, H.A. 1873 VERRILLA, E. 1873D

BEHAVIOUR/COMPORTEMENT

NICHOLSON, H.A. 1873

DISTRIBUTION/REPARTITION

NICHOLSON, H.A. 1873

MORPHOLOGY/MORPHOLOGIE

NICHOLSON, H.A. 1873

TAXONOMY/TAXINOMIE

NICHOLSON, H.A. 1873 VERRILLA, E. 1873D

GLOSSIPHONIIDAE

ACTINOBDELLA ANNECTANS MOORE 1906

NAMES APPLIED/NOMS EMPLOYÉS

ACTINOBDELLA ANNECTANS MOORE 1906
MOORE, J.P. 1906G

FRESHWATER/ECTOPARASITIC

REGIONS

ONTARIO MOORE, J.P. 1906G

DISTRIBUTION/REPARTITION

MOORE, J.P. 1906G

ECOLOGY/ÉCOLOGIE

MOORE, J.P. 1906G

MORPHOLOGY/MORPHOLOGIE

MOORE, J.P. 1906G

TAXONOMY/TAXINOMIE

MOORE, J.P. 1906G

ACTINOBDELLA INEQUANNULATA MOORE 1901

NAMES APPLIED/NOMS EMPLOYÉS

ACTINOBDELLA INEQUANNULATA MOORE 1901
MILLER, J.A. 1929 DANIELS, B., FREEMAN 1976

ACTINOBDELLA TRIANNULATA MOORE 1924

ADAMSTONE, F.B. HARKNESS 1923 ADAMSTONE, F.B. 1924 MOORE, J.P. 1924 RAWSON, D.S. 1930 BANGHAM, R.V. 1940 BANGHAM, R.V. 1954 BANGHAM, R.V., VENNARD 1946 BANGHAM, R.V., ADAMS 1954 MEYER, M.C., MOORE 1954 BANGHAM, R.V. 1955 REED, E.B. 1962B BANGHAM, R.V. 1972 DECHTARIA, O. 1972A

ACTINOBDELLA TRIANNULATA MOORE 1924 AS ACTINOBDELLA TRIANGULATA

MOLNÁR, K. ET AL. 1974

10 GLOSSIPHONIIDAE

ACTINOBELLA INEQUIANNULATA MOORE 1901 - Cont'd.

FRESHWATER ECTOPARASITIC REGIONS

ONTARIO ADAMSTONE,F.B., HARKNESS 1923 ADAMSTONE,F.B. 1924 MOORE,J.P. 1924 MILLER,J.A. 1929 RAWSON,D.S. 1930 BANGHAM,R.V. 1941 BANGHAM,R.V., VENARD 1946 MEYER,M.C., MOORE 1954 BANGHAM,R.V. 1955, 1972 DECHTIAR,A.O. 1972A MOLNAR,K. ET AL. 1974 DANIELS,B., FREEMAN 1976

SASKATCHEWAN REID,E.B. 1962B
BRITISH COLUMBIA COLOMBIE-BRITANNIQUE BANGHAM,R.V., ADAMS 1954

DISTRIBUTION/REPARTITION

ADAMSTONE,F.B., HARKNESS 1923 ADAMSTONE,F.B. 1924 RAWSON,D.S. 1930 BANGHAM,R.V. 1941 BANGHAM,R.V., VENARD 1946 BANGHAM,R.V., ADAMS 1954 MEYER,M.C., MOORE 1954 BANGHAM,R.V. 1955 REID,E.B. 1962B BANGHAM,R.V. 1972A MOLNAR,K. ET AL. 1974 DANIELS,B., FREEMAN 1976

ECOLOGY/ECOLOGIE

ADAMSTONE,F.B., HARKNESS 1923 MOORE,J.P. 1924 MILLER,J.A. 1929 RAWSON,D.S. 1930 BANGHAM,R.V. 1941 BANGHAM,R.V., VENARD 1946 BANGHAM,R.V., ADAMS 1954 MEYER,M.C., MOORE 1954 BANGHAM,R.V. 1955 REID,E.B. 1962B BANGHAM,R.V. 1972A DECHTIAR,A.O. 1972A MOLNAR,K. ET AL. 1974 DANIELS,B., FREEMAN 1976

MORPHOLOGY/MORPHOLOGIE

MILLER,J.A. 1929 DANIELS,B., FREEMAN 1976

TAXONOMY/TAXINOMIE

MOORE,J.P. 1924 MILLER,J.A. 1929 DANIELS,B., FREEMAN 1976

ACTINOBELLA SP.

NAMES APPLIED/NOMS EMPLOYES

ACTINOBELLA SP.
WORLEY,D.E., BANGHAM 1952

FRESHWATER ECTOPARASITIC REGIONS

QUEBEC WORLEY,D.E., BANGHAM 1952

DISTRIBUTION/REPARTITION

WORLEY,D.E., BANGHAM 1952

ECOLOGY/ECOLOGIE

WORLEY,D.E., BANGHAM 1952

²BATRACOBDELLA PALUDOSA (CARENA 1824)

NAMES APPLIED/NOMS EMPLOYES

BATRACOBDELLA PALUDOSA (CARENA 1824)
PAWLOWSKI,K. 1948

FRESHWATER BENTHIC REGIONS

NOVA SCOTIA/NOUVELLE-ECOSSE PAWLOWSKI,K. 1948

DISTRIBUTION/REPARTITION

PAWLOWSKI,K. 1948

ECOLOGY/ECOLOGIE

PAWLOWSKI,K. 1948

MORPHOLOGY/MORPHOLOGIE

PAWLOWSKI,K. 1948

TAXONOMY/TAXINOMIE

PAWLOWSKI,K. 1948

BATRACOBDELLA PICTA (VEBRILL 1872)

NAMES APPLIED/NOMS EMPLOYES

BATRACOBDELLA PICTA (VEBRILL 1872)
MEYER,M.C., MOORE 1954 DAVIES,R.W. 1973 LEBLANC,J.M., MCCLUNG 1979(MS)
BASCHIRE,E. ET AL. 1980 KLEMM,D.J. 1982
BATRACOBDELLA PICTA (VEBRILL 1872)
MOORE,J.P. 1906C HUNTSMAN,A.G. 1913 RYERSON,C.G.S. 1915 MOORE,J.P. 1916

FRESHWATER BENTHIC REGIONS

NOVA SCOTIA/NOUVELLE-ECOSSE LEBLANC,J.M., MCCLUNG 1979(MS)

QUEBEC MEYER,M.C., MOORE 1954 DAVIES,R.W. 1973

ONTARIO MOORE,J.P. 1906C HUNTSMAN,A.G. 1913 RYERSON,C.G.S. 1915 MOORE,J.P.

1916 DAVIES,R.W. 1973 BASCHIRE,E. ET AL. 1980

MANITOBA DAVIES,R.W. 1973

SASKATCHEWAN KLEMM,D.J. 1982

BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE DAVIES,R.W. 1973

DISTRIBUTION/REPARTITION

MOORE,J.P. 1906C HUNTSMAN,A.G. 1913 RYERSON,C.G.S. 1915 MOORE,J.P.

1916 MEYER,M.C., MOORE 1954 DAVIES,R.W. 1973 LEBLANC,J.M., MCCLUNG 1979(MS)

BASCHIRE,E. ET AL. 1980 KLEMM,D.J. 1982

ECOLOGY/ECOLOGIE

MOORE,J.P. 1916 BASCHIRE,E. ET AL. 1980 KLEMM,D.J. 1982

MORPHOLOGY/MORPHOLOGIE

MOORE,J.P. 1906C RYERSON,C.G.S. 1915 KLEMM,D.J. 1982

TAXONOMY/TAXINOMIE

MOORE,J.P. 1906C RYERSON,C.G.S. 1915 MEYER,M.C., MOORE 1954 DAVIES,R.W. 1973

KLEMM,D.J. 1982

BATRACOBDELLA SP.

NAMES APPLIED/NOMS EMPLOYES

BATRACOBDELLA SP. AS BATRACOBDELLA SP.
WILLARD,J.R. 1975

FRESHWATER BENTHIC REGIONS

SASKATCHEWAN WILLARD,J.R. 1975

DISTRIBUTION/REPARTITION

WILLARD,J.R. 1975

BOROBDELLA VERRUCATA (F.R. MULLER 1844)

NAMES APPLIED/NOMS EMPLOYES

BOROBDELLA VERRUCATA (F.R. MULLER 1844)
KLEMM,D.J. 1982

FRESHWATER BENTHIC REGIONS

BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE KLEMM,D.J. 1982 ALASKA KLEMM,D.J. 1982

DISTRIBUTION/REPARTITION

KLEMM,D.J. 1982

ECOLOGY/ECOLOGIE

KLEMM,D.J. 1982

MORPHOLOGY/MORPHOLOGIE

KLEMM,D.J. 1982

TAXONOMY/TAXINOMIE

KLEMM,D.J. 1982

GLOSSIPHONIA COMPLANATA (LINNAEUS 1758)

NAMES APPLIED/NOMS EMPLOYES

CLEPSINE ELEGANS VERILL 1872

VERILL A.E. 1872, 1877

CLEPSINE PATELLIFORMIS NICHOLSON 1873

NICHOLSON, H.A. 1873, VERKILL A.E. 1873D.

GLOSSIPHONIA COMPLANATA (LINNAEUS 1758)

MOORE, J.P. 1906C ADAMS, C.C. 1909 HUNTSMAN, A.G. 1913 RYERSON, C.G.S. 1915
 MOORE, J.P. 1922 ADAMSTONE, F.B. HARKNESS 1923 ADAMSTONE, F.B. 1924 MOORE, J.P.
 1924 BERE, R. 1925 CRONK, M.W. 1932 RICKER, W.E. 1932B RAWSON, D.S. 1934 RICK-
 ER, W.E. 1934 MOORE, J.P. 1936 MEYER, M.C. 1937 CLEMENS, W.A., ET AL. 1939. RICH-
 ARDSON, L.R. 1942, 1943 RAWSON, D.S., MOORE 1944 PAWLOWSKI, K. 1948 MOORE, J.P.,
 MEYER 1951 RAWSON, D.S. 1953B MEYER, M.C., MOORE 1954 RAWSON, D.S. 1957B OLI-
 VER, D.R. 1958 RAWSON, D.S. 1959 OLIVER, D.R. 1960 PRICE, J.W. 1963. MOORE, J.E.
 1964 THOMAS, M.L.H. 1965(M.S.) MOORE, J.E. 1966A SCUDDER, G.G.E. MANN 1968
 CLARKE, A.H. JR. 1969 KUSSAT, R.H. 1969 PATERSON, C.G., FERNANDO 1969B
 CLARKE, A.H. JR. 1970 JOHNSON, M.G., BRINKHURST 1971A DAVIES, R.W. 1973. HOLM-
 QUIST, C. 1973A MCCLUNG, R.P. 1974(M.S.) BARTONEK, J.C., TRAUER 1975 DAVIES, R.W.,
 EVERETT 1975 HOLMQUIST, C. 1975 JUDD, J.H., BOCSOR 1975 ROSENBERG, D.M. 1975
 WILLARD, J.R. 1975 FREITAG, R. ET AL. 1976 DAVIES, R.W., ET AL. 1977 VINCENT, B.
 VAILLANCOURT 1977B BARTON, D.R., HYNES 1978A DAVIES, R.W. 1979 MCKINNEY, F.
 DERRICKSON 1979 VINCENT, B. 1979 VINCENT, B., VAILLANCOURT 1979 WRONA, F.J., ET AL.
 1979 LEBLANC, J.M., MCCLUNG 1979(M.S.) BASCH, R.E., ET AL. 1980 VINCENT, B.,
 VAILLANCOURT 1980 WRONA, F.J., ET AL. 1981

GLOSSIPHONIA COMPLANATA MOLLISSIMA MOORE 1878

MOORE, J.P., MEYER 1951.

GLOSSIPHONIA COMPLANATA MOLLISSIMA MOORE 1878 AS GLOSSIPHONIA COMPLANATA

MOLLISSIMA

KEITH, M.M. 1955.

FRESHWATER BENTHIC

REGIONS

NEWFOUNDLAND/TERRÉ-NEUVE PAWLOWSKI, K. 1948 DAVIES, R.W. 1973
 PRICE EDWARD ISLAND/ÎLE-DU-PRINCE-ÉDOUARD RICHARDSON, L.R. 1943
 NOVA SCOTIA/NOUVELLE-ÉCOSSE PAWLOWSKI, K. 1948 DAVIES, R.W. 1973 MC-
 CLUNG, R.P. 1974(M.S.)

NEW BRUNSWICK/NOUVEAU-BRUNSWICK MOORE, J.P. 1922. DAVIES, R.W. 1973 LE-
 BLANC, J.M., MCCLUNG 1979(M.S.)

QUEBEC MOORE, J.P. 1922 MEYER, M.C. 1937 RICHARDSON, L.R. 1942 MEYER, M.C.,
 MOORE 1954. CLARKE, A.H. JR. 1970 DAVIES, R.W. 1973 MCCLUNG, R.P. 1974(M.S.) VIN-
 CENT, B., VAILLANCOURT, 1977B VERKILL, R.W. 1979 VINCENT, B. 1979, VINCENT, B.,
 VAILLANCOURT 1979, 1980

ONTARIO NICHOLSON, H.A. 1873 VERKILL A.E. 1873D 1874D MOORE, J.P. 1906C AD-
 AMSTONE, F.B. HARKNESS 1923 ADAMSTONE, F.B. 1924 MOORE, J.P. 1924 CRONK, M.W.
 1932 RICKER, W.E. 1932B, 1934A. MOORE, J.P. 1936 MEYER, M.C. MOORE 1954
 PRICE, J.W. 1963 THOMAS, M.L.H. 1965(M.S.) PATERSON, C.G., FERNANDO 1969B. JOHN-
 SON, M.G., BRINKHURST 1971A DAVIES, R.W. 1973 JUDD, J.H., BOCSOR 1975
 FREITAG, R., ET AL. 1976 BARTON, D.R., HYNES 1978A BASCH, R.E., ET AL. 1980
 MANITOBA DAVIES, R.W. 1973

SASKATCHEWAN RAWSON, D.S., MOORE 1944 MOORE, J.P., MEYER 1951 RAWSON, D.S.
 1957B OLIVER, D.R. 1958 RAWSON, D.S. 1959 OLIVER, D.R. 1960 DAVIES, R.W. 1973
 WILLARD, J.R. 1975

ALBERTA BERE, R. 1925 MOORE, J.E. 1964, 1966A. CLIFFORD, H.F. 1969. KUSSAT, R.H.
 1969 DAVIES, R.W. 1973. DAVIES, R.W. 1975. ROSENBERG, D.M. 1975. DAV-
 IES, R.W., ET AL. 1977 MCKINNEY, F., DERRICKSON 1979 WRONA, F.J., ET AL. 1979,
 1981.

BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE RAWSON, D.S. 1934 CLEMENS, W.A., ET AL.
 1939. MEYER, M.C., MOORE 1954. SCUDDER, G.G.E., MANN 1968 DAVIES, R.W. 1973
 NORTHWEST TERRITORIES/TERRITOIRES DU NORD-OUEST MOORE, J.P., MEYER 1951
 RAWSON, D.S. 1953B DAVIES, R.W. 1973 BARTONEK, J.C., TRAUER 1975 HOLMQUIST, C.
 1975

YUKON TERRITORY/TERRITOIRE DU YUKON DAVIES, R.W. 1973.

ALASKA MOORE, J.P., MEYER 1951. KEITH, M.M. 1955. HOLMQUIST, C. 1973A, 1975

BEHAVIOUR/COMPORTEMENT

NICHOLSON, H.A. 1873 RICHARDSON, L.R. 1942 WRONA, F.J., ET AL. 1979

BIBLIOGRAPHY/BIBLIOGRAPHIE

DAVIES, R.W., EVERETT 1975.

DISTRIBUTION/REPARTITION

VERKILL A.E. 1874D MOORE, J.P. 1906C ADAMS, C.C. 1909 HUNTSMAN, A.G. 1913. RYER-
 SON, C.G.S. 1915 MOORE, J.P. 1922 ADAMSTONE, F.B., HARKNESS 1923 ADAMSTONE, F.B.
 1924 MOORE, J.P. 1924 BERE, R. 1925 CRONK, M.W. 1932 RICKER, W.E. 1932B RAW-
 SON, D.S. 1934 RICKER, W.E. 1934A MOORE, J.P. 1936 MEYER, M.C. 1937 CLEMENS, W.A.,
 ET AL. 1939 RICHARDSON, L.R. 1942, 1943 RAWSON, D.S., MOORE 1944 PAWLOWSKI, K.
 1948 MOORE, J.P., MEYER 1951 RAWSON, D.S. 1953B MEYER, M.C., MOORE 1954
 KEITH, M.M. 1955 RAWSON, D.S. 1957B OLIVER, D.R. 1958 RAWSON, D.S. 1959 OLI-
 VER, D.R. 1960 MOORE, J.E. 1964 THOMAS, M.L.H. 1965(M.S.) MOORE, J.E. 1966A SCUDD-
 ER, G.G.E., MANN 1968 CLIFFORD, H.F. 1969 KUSSAT, R.H. 1969 PATERSON, C.G., FER-
 NANDO 1969B CLARKE, A.H. JR. 1970. JOHNSON, M.G., BRINKHURST 1971A DAVIES, R.W.
 1973 HOLMQUIST, C. 1973A MCCLUNG, R.P. 1974(M.S.) BARTONEK, J.C., TRAUER 1975
 HOLMQUIST, C. 1975 JUDD, J.H., BOCSOR 1975 ROSENBERG, D.M. 1975 WILLARD, J.R.
 1975 FREITAG, R., ET AL. 1976 DAVIES, R.W., ET AL. 1977 VINCENT, B., VAILLANCOURT
 1977B BARTON, D.R., HYNES 1978A DAVIES, R.W. 1979 MCKINNEY, F., DERRICKSON
 1979 VINCENT, B. 1979 VINCENT, B., VAILLANCOURT 1979 WRONA, F.J., ET AL. 1979
 LEBLANC, J.M., MCCLUNG 1979(M.S.) BASCH, R.E., ET AL. 1980. VINCENT, B., VAILLAN-
 COURT 1980 WRONA, F.J., ET AL. 1981

ECOLOGY/ÉCOLOGIE

NICHOLSON, H.A. 1873 MOORE, J.P. 1906C ADAMS, C.C. 1909 MOORE, J.P. 1924 RICK-
 ER, W.E. 1934 MOORE, J.P. 1936 PAWLOWSKI, K. 1948 RAWSON, D.S. 1953
 PRICE, J.W. 1963 MOORE, J.E. 1964 SCUDDER, G.G.E., MANN 1968 KUSSAT, R.H.
 1969 JOHNSON, M.G., BRINKHURST 1971A HOLMQUIST, C. 1973A DAVIES, R.W. EVER-
 ET 1975 HOLMQUIST, C. 1975 ROSENBERG, D.M. 1975 FREITAG, R. ET AL. 1976 VIN-
 CENT, B., VAILLANCOURT 1977B BARTON, D.R., HYNES 1978A MCKINNEY, F., DERRICK-
 SON 1979 VINCENT, B. 1979 VINCENT, B., VAILLANCOURT 1979 WRONA, F.J., ET AL.
 1979 BASCH, R.E., ET AL. 1980 VINCENT, B., VAILLANCOURT 1980 WRONA, F.J., ET AL.
 1981

LIFE HISTORY/CYCLE ÉVOLUTION

VERKILL A.E. 1873D RICHARDSON, L.R. 1942 MOORE, J.E. 1964, 1966A SCUDDER, G.G.E.,
 MANN 1968

MORPHOLOGY/MORPHOLOGIE

NICHOLSON, H.A. 1873 VERKILL A.E. 1873D, 1874D RYERSON, C.G.S. 1915. MOORE, J.E.
 1964. HOLMQUIST, C. 1975 VINCENT, B., VAILLANCOURT 1980

TAXONOMY/TAXINOMIE

NICHOLSON, H.A. 1873. VERKILL A.E. 1873D, 1874D MOORE, J.P. 1906C RYERSON, C.G.S.
 1915 MOORE, J.P. 1922 BERE, R. 1925 MOORE, J.E., MEYER 1951. MEYER, M.C., MOORE
 1954 KEITH, M.M. 1955 DAVIES, R.W. 1973

GLOSSIPHONIA HETEROCLITA (LINNAEUS 1761)

NAMES APPLIED/NOMS EMPLOYES

GLOSSIPHONIA HETEROCLITA (LINNAEUS 1761)

MOORE, J.P. 1906C HUNTSMAN, A.G. 1913 MOORE, J.P. 1922 PAWLOWSKI, K. 1948
 MEYER, M.C. MOORE 1954 PRICE, J.W. 1963 MOORE, J.E. 1964, 1966B JOHNSON, M.G.,
 BRINKHURST 1971A DAVIES, R.W. 1973 DABORN, G.R. 1974A VINCENT, B. VAILLAN-
 COURT 1977B, 1980

FRESHWATER BENTHIC

REGIONS

NEWFOUNDLAND/TERRÉ-NEUVE PAWLOWSKI, K. 1948
 QUEBEC MOORE, J.P. 1922 DAVIES, R.W. 1973 VINCENT, B., VAILLANCOURT 1977B, 1980
 ONTARIO MOORE, J.P. 1906C HUNTSMAN, A.G. 1913 MOORE, J.P. 1922 PRICE, J.W. 1963
 JOHNSON, M.G., BRINKHURST 1971A DAVIES, R.W. 1973
 MANITOBA MEYER, M.C., MOORE 1954
 SASKATCHEWAN MOORE, J.E. 1964B
 ALBERTA MOORE, J.E. 1966A DAVIES, R.W. 1973 DABORN, G.R. 1974A
 BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE DAVIES, R.W. 1973

DISTRIBUTION/REPARTITION

NEWFOUNDLAND/TERRÉ-NEUVE PAWLOWSKI, K. 1948
 MOORE, J.P. 1906C HUNTSMAN, A.G. 1913 MOORE, J.P. 1922 PAWLOWSKI, K. 1948
 MEYER, M.C., MOORE 1954 PRICE, J.W. 1963 MOORE, J.E. 1964, 1966B JOHNSON, M.G., BRINKHURST
 1971A DAVIES, R.W. 1973 DABORN, G.R. 1974A VINCENT, B., VAILLANCOURT 1977B,
 1980

ECOLOGY/ÉCOLOGIE

PAWLOWSKI, K. 1948 PRICE, J.W. 1963 JOHNSON, M.G., BRINKHURST 1971A DA-
 BORN, G.R. 1974 VINCENT, B., VAILLANCOURT 1977B, 1980

MORPHOLOGY/MORPHOLOGIE

MOORE, J.P. 1906C VINCENT, B., VAILLANCOURT 1980

TAXONOMY/TAXINOMIE

MOORE, J.P. 1906C 1922 MEYER, M.C., MOORE 1954 DAVIES, R.W. 1973 VINCENT, B.,
 VAILLANCOURT 1980

12 GLOSSIPHONIDAE

GLOSSIPHONIA SP.

NAMES APPLIED/NOMS EMPLOYES

GLOSSIPHONIA SP

KRECK'ER, F. H., LANCASTER 1933 SHELFORD, V. E., BOESEL 1942 CARL, G. C. 1953
TETER, H. E. 1960 PRICE, J. W. 1963 PICKAVANCE, J. R. 1971 BRINKHURST, R. O. 1972
BELL, L. M., KALLMAN 1976A
NEPHEI IS SP
NICHOLSON, H. A. 1872

FRESHWATER BENTHIC

REGIONS

NEWFOUNDLAND/TERRER-NEUVE PICKAVANCE, J. R. 1971
ONTARIO NICHOLSON, H. A. 1872 KRECK'ER, F. H., LANCASTER 1933 SHELFORD, V. E., BOESEL 1942
TETER, H. E. 1960 PRICE, J. W. 1963 BRINKHURST, R. O. 1972
BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE CARL, G. C. 1953 BELL, L. M., KALLMAN 1976A

DISTRIBUTION/REPARTITION

NICHOLSON, H. A. 1872 KRECK'ER, F. H., LANCASTER 1933 SHELFORD, V. E., BOESEL 1942
CARL, G. C. 1953 TETER, H. E. 1960 PICKAVANCE, J. R. 1971 BRINKHURST, R. O. 1972
BELL, L. M., KALLMAN 1976A

ECOLOGY/ECOLOGIE

NICHOLSON, H. A. 1872 SHELFORD, V. E., BOESEL 1942 PRICE, J. W. 1963 PICKAVANCE, J. R. 1971

LIFE HISTORY/CYCLE EVOLUTIF

NICHOLSON, H. A. 1872

MORPHOLOGY/MORPHOLOGIE

NICHOLSON, H. A. 1872

HELOBDELLA ELONGATA (CASTLE 1900)

NAMES APPLIED/NOMS EMPLOYES

GLOSSIPHONIA NEPHELOIDEA (GRAF 1899)

MOORE, J. P. 1906C RYERSON, C. G. S. 1915 MILLER, J. A. 1929 RAWSON, D. S. 1930
WRIGHT, S. 1955

HELOBDELLA ELONGATA (CASTLE 1900)

DAVIES, R. W. 1973 VINCENT, B., VAILLANCOURT 1977A, 1978 VINCENT, B. 1979 LE-BLANC, J. M., MCCULLUNG 1979(MS) VINCENT, B., VAILLANCOURT 1980

HELOBDELLA ELONGATA (CASTLE 1900) AS ELOBDELLA ELONGATA

VINCENT, B., VAILLANCOURT 1977B

HELOBDELLA NEPHELOIDEA (GRAF 1899)

ADAMSTONE, F. B. 1924 MOORE, J. P. 1924, 1936

FRESHWATER BENTHIC

REGIONS

NOVA SCOTIA/NOUVELLE-ECOSSE LEBLANC, J. M., MCCULLUNG 1979(MS)
QUEBEC VINCENT, B., VAILLANCOURT 1977A, 1977B, 1978 VINCENT, B. 1979 VINCENT, B., VAILLANCOURT 1980
ONTARIO MOORE, J. P. 1906C RYERSON, C. G. S. 1915 ADAMSTONE, F. B. 1924 MOORE, J. P. 1924
MILLER, J. A. 1929 RAWSON, D. S. 1930 MOORE, J. P. 1936 WRIGHT, S. 1955 DAVIES, R. W. 1973
ALBERTA DAVIES, R. W. 1973

DISTRIBUTION/REPARTITION

MOORE, J. P. 1906C RYERSON, C. G. S. 1915 ADAMSTONE, F. B. 1924 MOORE, J. P. 1924 MILLER, J. A. 1929
RAWSON, D. S. 1930 MOORE, J. P. 1936 WRIGHT, S. 1955 DAVIES, R. W. 1973
VINCENT, B., VAILLANCOURT 1977A, 1977B, 1978 VINCENT, B. 1979 LEBLANC, J. M., MCCULLUNG 1979(MS)
VINCENT, B., VAILLANCOURT 1980

ECOLOGY/ECOLOGIE

MILLER, J. A. 1929 RAWSON, D. S. 1930 VINCENT, B., VAILLANCOURT 1977B, 1978 VINCENT, B. 1979
VINCENT, B., VAILLANCOURT 1980

MORPHOLOGY/MORPHOLOGIE

RYERSON, C. G. S. 1915 MILLER, J. A. 1929

TAXONOMY/TAXINOMIE

MOORE, J. P. 1906C RYERSON, C. G. S. 1915 MILLER, J. A. 1929 DAVIES, R. W. 1973.

HELOBDELLA FUSCA (CASTLE 1900)

NAMES APPLIED/NOMS EMPLOYES

GLOSSIPHONIA FUSCA CASTLE 1900

MOORE, J. P. 1906C RYERSON, C. G. S. 1915 MOORE, J. P. 1922 MILLER, J. A. 1929 MOZELYA, 1932
MOORE, J. P. 1936 MEYER, M. C. 1937 WRIGHT, S. 1955 PRICE, J. W. 1963

HELOBDELLA FUSCA (CASTLE 1900)

ADAMSTONE, F. B. 1924 MOORE, J. P. 1924 MOORE, J. P., MEYER 1951 RAWSON, D. S. 1953B
MEYER, M. C., MOORE 1954 MOORE, J. E. 1966A BRITT, N. W., ET AL 1973 DABORN, G. R. 1974A
ROSENBERG, D. M. 1975 VINCENT, B. VAILLANCOURT 1980 KLEMM, D. J. 1982

FRESHWATER BENTHIC

REGIONS

QUEBEC MEYER, M. C. 1937 VINCENT, B., VAILLANCOURT 1980
ONTARIO MOORE, J. P. 1906C RYERSON, C. G. S. 1915 MOORE, J. P. 1922 ADAMSTONE, F. B. 1924
MOORE, J. P. 1924 MILLER, J. A. 1929 MOORE, J. P. 1936 WRIGHT, S. 1955 PRICE, J. W. 1963
BRITT, N. W., ET AL 1973 MANITOBA MOZELYA, 1932 MEYER, M. C., MOORE 1954
SASKATCHEWAN KLEMM, D. J. 1982 ALBERTA MOORE, J. E. 1966A DABORN, G. R. 1974A ROSENBERG, D. M. 1975
NORTHWEST TERRITORIES/TERRITOIRES DU NORD-OUEST MOORE, J. P., MEYER 1951 RAWSON, D. S. 1953B

DISTRIBUTION/REPARTITION

MOORE, J. P. 1906C RYERSON, C. G. S. 1915 MOORE, J. P. 1922 ADAMSTONE, F. B. 1924
MOORE, J. P. 1924 MILLER, J. A. 1929 MOZELYA, 1932 MOORE, J. P. 1936 MEYER, M. C. 1937
MOORE, J. P., MEYER 1951 RAWSON, D. S. 1953B MEYER, M. C., MOORE 1954 WRIGHT, S. 1955
MOORE, J. E. 1966A BRITT, N. W., ET AL 1973 DABORN, G. R. 1974A ROSENBERG, D. M. 1975
VINCENT, B., VAILLANCOURT 1980 KLEMM, D. J. 1982

ECOLOGY/ECOLOGIE

MILLER, J. A. 1929 PRICE, J. W. 1963 DABORN, G. R. 1974A ROSENBERG, D. M. 1975 VINCENT, B., VAILLANCOURT 1980
KLEMM, D. J. 1982

LIFE HISTORY/CYCLE EVOLUTIF

MOORE, J. E. 1966A

MORPHOLOGY/MORPHOLOGIE

MOORE, J. P. 1906C RYERSON, C. G. S. 1915 MILLER, J. A. 1929 MOORE, J. P., MEYER 1951
VINCENT, B., VAILLANCOURT 1980 KLEMM, D. J. 1982

TAXONOMY/TAXINOMIE

MOORE, J. P. 1906C RYERSON, C. G. S. 1915 MOORE, J. P. 1922 MILLER, J. A. 1929 MOORE, J. P., MEYER 1951
MEYER, M. C., MOORE 1954 KLEMM, D. J. 1982

HELOBDELLA PAPILLATA (MOORE 1906)

NAMES APPLIED/NOMS EMPLOYES

GLOSSIPHONIA FUSCA PAPILLATA MOORE 1906

MOORE, J. P. 1906C

FRESHWATER BENTHIC

REGIONS

ONTARIO MOORE, J. P. 1906C

DISTRIBUTION/REPARTITION

MOORE, J. P. 1906C

MORPHOLOGY/MORPHOLOGIE

MOORE, J. P. 1906C

TAXONOMY/TAXINOMIE

MOORE, J. P. 1906C

HELOBDELLA STAGNALIS (LINNAEUS 1758)

NAMES APPLIED/NOMS EMPLOYES

CLEPINE SUBMODIATA NICHOLSON 1873
 NICHOLSON H.A. 1873 VERRILL E.A. 1873 D
 GLOSSIPHONIA STAGNALIS (LINNAEUS 1758)
 MOORE J.P. 1906C BUNTSMA G.G. 1913 PATERSON C.G.S. 1915 MOORE J.P. 1922 MILLER J.A. 1929 RICHARDSON L.R. 1942 SHELFORD V.E., BOESSEL 1942 WRIGHT'S 1955 CLARKE A.H. JR. 1970

HELOBDELLA STAGNALIS (LINNAEUS 1758)

ADAMSTONE F.B., HARKNESS 1923 ADAMSTONE F.B. 1924 MOORE J.P. 1924 JOHANSEN F. 1924 MILLER J.A. 1929 BERER 1929 RAWSON D.S. 1930 RICKER W.E. 1932B RAWSON D.S. 1934 RICKER W.E. 1934 MOORE J.P. 1936 MEYER M.C. 1937 CLEMENS W.A., ET AL. 1939 RICHARDSON L.R. 1943 RAWSON D.S. MOORE 1944 PAWLOWSKIL K. 1948 MOORE J.P., MEYER 1951 RICKER W.E. 1952 RAWSON D.S. 1955B. 1957B OLIVER D.R. 1958 RAWSON D.S. 1959 FREDEEN F.J.H., SHEMACHUK 1960 OLIVER D.R. 1960 PRICE J.W. 1960 MOORE J.E. 1964 THOMAS M.L.H. 1965(MS) MOORE J.E. 1966A SCUDDER G.G.E., MANN 1968 CLIFFORD H.F. 1969 SMITH W.M. 1969 PATERSON C.G., FERNANDO 1969B GATES G.E. MOORE 1970 PATERSON C.G., FERNANDO 1970 SAETHER O.A. 1970 JOHNSON F. 1971A SAETHER O.A., MCLLEAN 1972 BRITTON W., ET AL. 1973 DAVIES R.W. 1973 ANDERSON R.K., RAASVELDT 1974 MCLLUNG R.P. 1974(MS) BARTONEK J.C., TRAUER 1975 DAVIES R.W., EVERETT 1975 DAVIES R.W., REYNOLDS 1975 HOLMQUIST C. 1975 ROSENBERG D.M. 1975 DAVIES R.W., REYNOLDS 1976 NALEPA T.F., THOMAS 1976 PIPE, STEWART 1976 REYNOLDS MONT B. DAVIES 1976 DAVIES R.W., ET AL. 1977 VINCENT B., VAILLANCOURT 1977B DAVIES R.W. 1978 FLINT R.W., MERCKEL 1978 VINCENT B., VAILLANCOURT 1978B BARTON D.R., HYNES 1978A DADSWELL J.M. 1979 DAVIES R.W. 1979 DAVIES R.W., ET AL. 1979 MCKINNEY F., DERRICKSON 1979 VINCENT B. 1979 LEBLANC J.M., MCLLUNG 1979(MS) MOORE J.E., ET AL. 1980 VINCENT B., VAILLANCOURT 1980 WRONA F.J., ET AL. 1981 DAVIES R.W., ET AL. 1982 KLEMM D.J. 1982
 HELOBDELLA STAGNALIS (LINNAEUS 1758) AS HELOBDELLA STAGNALIS KUSSAT R.H. 1969

FRESHWATER BENTHIC REGIONS

NEWFOUNDLAND TERRE-NEUVE PAWLOWSKIL K. 1948 DAVIES R.W. 1973 PRINCE EDWARD ISLAND, ILE-DU-PRINCE-EDOUARD RICHARDSON L.R. 1943 DAVIES R.W. 1973 LEBLANC J.M., MCLLUNG 1979(MS)
 NOVA SCOTIA NOUVELLE-ECOSSE PAWLOWSKIL K. 1948 GATES G.E., MOORE 1970 DAVIES R.W. 1973 MCLLUNG R.P. 1974(MS) LEBLANC J.M., MCLLUNG 1979(MS)
 NEW BRUNSWICK NOUVEAU-BRUNSWICK RICHARDSON L.R. 1943 SMITH W.M. 1969
 QUBEC MOORE J.P. 1922 JOHANSEN F. 1924B RICHARDSON L.R. 1942 CLARKE A.H. JR. 1970 DAVIES R.W. 1973 VINCENT B., VAILLANCOURT 1977B, 1978 DAVIES R.W. 1979 VINCENT B. 1979 VINCENT B., VAILLANCOURT 1980
 ONTARIO NICHOLSON H.A. 1873 VERRILL E.A. 1873 MOORE J.P. 1906C HUNTSMAN G. 1913 RYERSON C.G.S. 1915 MOORE J.P. 1922 ADAMSTONE F.B., HARKNESS 1923 ADAMSTONE F.B. 1924 MOORE J.P. 1924 MILLER J.A. 1929 RAWSON D.S. 1930 RICKER W.E. 1932B, 1934A MOORE J.P. 1936 MEYER M.C. 1937 SHELFORD V.E., BOESSEL 1942 WRIGHT'S 1955 PRICE J.W. 1963 PIPE, STEWART 1976 RICKER W.E. 1978B WRIGHT'S 1978B OLIVER D.R. 1958 RICKER W.E. 1959 FREDEEN F.J.H., SHEMACHUK 1960 OLIVER D.R. 1960 PRICE J.W. 1960 MOORE J.E. 1964 THOMAS M.L.H. 1965(MS) PATERSON C.G., FERNANDO 1969B. 1970 JOHNSON F. 1971A SAETHER O.A., MCLLEAN 1972 BRITTON W., ET AL. 1973 DAVIES R.W. 1973 NALEPA T.F., THOMAS 1976 FLINT R.W., MERCKEL 1978 BARTON D.R., HYNES 1978A BASCHER E.T. ET AL. 1980
 MANITOBA DAVIES R.W. 1973 PIPE, STEWART 1976
 SASKATCHEWAN RAWSON D.S. MOORE 1944 RAWSON D.S. 1957B OLIVER D.R. 1958 RAWSON D.S. 1959 OLIVER D.R. 1960
 ALBERTA BERER 1929 FREDEEN F.J.H., SHEMACHUK 1960 MOORE J.E. 1964, 1966A CLIFFORD H.F. 1969 KUSSAT R.H. 1969 DAVIES R.W. 1973 ANDERSON R.K., RAASVELDT 1974 DAVIES R.W. 1973 VINCENT B., VAILLANCOURT 1977B DAVIES R.W. 1979 LEBLANC J.M., MCLLUNG 1979(MS) MOORE J.P., MEYER 1951 DAVIES R.W., REYNOLDS 1970 PATERSON C.G., FERNANDO 1969B. 1970 JOHNSON F. 1971A SAETHER O.A., MCLLEAN 1972 BRITTON W., ET AL. 1973 DAVIES R.W. 1973 NALEPA T.F., THOMAS 1976 FLINT R.W., MERCKEL 1978 BARTON D.R., HYNES 1978A BASCHER E.T. ET AL. 1980
 NORTHWEST TERRITORIES TERRITOIRES DU NORD-OUEST MOORE J.P., MEYER 1951 RAWSON D.S. 1955B DAVIES R.W. 1973 BARTONEK J.C., TRAUER 1975 HOLMQUIST C. 1975
 YUKON TERRITORY TERRITOIRE DU YUKON KLEMM D.J. 1982
 ALASKA HOLMQUIST C. 1975 KLEMM D.J. 1982

BEHAVIOR/COMPORTEMENT

NICHOLSON H.A. 1873 RICHARDSON L.R. 1943 DAVIES R.W., EVERETT 1975 DAVIES R.W., ET AL. 1979

BIBLIOGRAPHY/BIBLIOGRAPHIE

DAVIES R.W. EVERETT 1975

DISTRIBUTION/REPARTITION

MOORE J.P. 1906C HUNTSMAN G. 1913 RYERSON C.G.S. 1915 MOORE J.P. 1922 ADAMSTONE F.B., HARKNESS 1923 ADAMSTONE F.B. 1924 MOORE J.P. 1924 JOHANSEN F. 1924 MILLER J.A. 1929 BERER 1929 RAWSON D.S. 1930 RICKER W.E. 1932B RAWSON D.S. 1934 RICKER W.E. 1934 MOORE J.P. 1936 MEYER M.C. 1937 CLEMENS W.A., ET AL. 1939 RICHARDSON L.R. 1942 SHELFORD V.E., BOESSEL 1942 RICHARDSON L.R. 1943 RAWSON D.S. MOORE 1944 PAWLOWSKIL K. 1948 MOORE J.P., MEYER 1951 RICKER W.E. 1952 RAWSON D.S. 1955 WRIGHT'S 1955 RAWSON D.S. 1957B OLIVER D.R. 1958 RAWSON D.S. 1959 FREDEEN F.J.H., SHEMACHUK 1960 MOORE J.E. 1964 THOMAS M.L.H. 1965(MS) MOORE J.E. 1966A SCUDDER G.G.E., MANN 1968 CLIFFORD H.F. 1969 SMITH W.M. 1969 KUSSAT R.H. 1969 PATERSON C.G., FERNANDO 1969B CLARKE A.H. JR. 1970 GATES G.E., MOORE 1970 SAETHER O.A. 1970 JOHNSON M.C., BRINKHURST 1971A SAETHER O.A., MCLLEAN 1972 BRITTON W., ET AL. 1973 DAVIES R.W. 1973 ANDERSON R.K., RAASVELDT 1974 MCLLUNG R.P. 1974(MS) BARTONEK J.C., TRAUER 1975 DAVIES R.W., REYNOLDS 1975 HOLMQUIST C. 1975 ROSENBERG D.M. 1975 DAVIES R.W., REYNOLDS 1976 NALEPA T.F., THOMAS 1976 PIPE, STEWART 1976 DAVIES R.W., ET AL. 1977 VINCENT B., VAILLANCOURT 1977B FLINT R.W., MERCKEL 1978 VINCENT B., VAILLANCOURT 1978 BARTON D.R., HYNES 1978A DADSWELL J.M. 1979 DAVIES R.W. 1979 DAVIES R.W., ET AL. 1979 MCKINNEY F., DERRICKSON 1979 VINCENT B. 1979 LEBLANC J.M., MCLLUNG 1979(MS) BASCHER E.T. ET AL. 1980 VINCENT B., VAILLANCOURT 1980 WRONA F.J., ET AL. 1981 DAVIES R.W., ET AL. 1982 KLEMM D.J. 1982

ECOLOGIE/ÉCOLOGIE

NICHOLSON H.A. 1873 MOORE J.P. 1906C, 1924 MILLER J.A. 1929 RAWSON D.S. 1930 RICKER W.E. 1932B, 1934A MOORE J.P. 1936 SHELFORD V.E., BOESSEL 1942 RAWSON D.S. MOORE 1944 PAWLOWSKIL K. 1948 RAWSON D.S. 1957B, 1959 FREDEEN F.J.H., SHEMACHUK 1960 OLIVER D.R. 1960 PRICE J.W. 1963 MOORE J.E. 1964, 1966A SCUDDER G.G.E., MANN 1968 KUSSAT R.H. 1969 PATERSON C.G., FERNANDO 1969B. 1970 JOHNSON F. 1971A SAETHER O.A., MCLLEAN 1972 BRITTON W., ET AL. 1973 ANDERSON R.K., RAASVELDT 1974 MCLLUNG R.P. 1974(MS) DAVIES R.W., EVERETT 1975 DAVIES R.W., REYNOLDS 1975 HOLMQUIST C. 1975 ROSENBERG D.M. 1975 DAVIES R.W., REYNOLDS 1976 PIPE, STEWART 1976 VINCENT B., VAILLANCOURT 1977B DAVIES R.W. 1978 FLINT R.W., MERCKEL 1978 VINCENT B., VAILLANCOURT 1978B BARTON D.R., HYNES 1978A DAVIES R.W. 1979 DAVIES R.W., ET AL. 1979 MCKINNEY F., DERRICKSON 1979 VINCENT B. 1979 LEBLANC J.M., MCLLUNG 1979(MS) BASCHER E.T. ET AL. 1980 VINCENT B., VAILLANCOURT 1980 WRONA F.J., ET AL. 1981 DAVIES R.W., ET AL. 1982 KLEMM D.J. 1982

LIFE HISTORY/CYCLE/ÉVOLUTION

MOORE J.P. 1924 JOHANSEN F. 1924B MILLER J.A. 1929 MOORE J.P., MEYER 1951 MOORE J.E. 1964, 1966A SCUDDER G.G.E., MANN 1968 DAVIES R.W., REYNOLDS 1975, 1976 DAVIES R.W. 1978

MORPHOLOGY/MORPHOLOGIE

NICHOLSON H.A. 1873 RYERSON C.G.S. 1915 MILLER J.A. 1929 BERER 1929

MOORE J.E. 1964

PHYSIOLOGY/PHYSIOLOGIE

REYNOLDS 1976 DAVIES 1976

TAXONOMY/TAXINOMIE

NICHOLSON H.A. 1873 VERRILL E.A. 1873 MOORE J.P. 1906C RYERSON C.G.S. 1915 MOORE J.P. 1922 MILLER J.A. 1929 BERER 1929 MOORE J.P., MEYER 1951 DAVIES R.W. 1973

TECHNIQUES/METHODOLOGIES

MCLLUNG R.P. 1974(MS)

HELOBDELLA TRISERIALIS (E. BLANCHARD 1849)

NAMES APPLIED/NOMS EMPLOYES

HELOBDELLA TRISERIALIS (E. BLANCHARD 1849)

DAVIES R.W. 1973 VINCENT B., VAILLANCOURT 1977B DAVIES R.W. 1979 LEBLANC J.M., MCLLUNG 1979(MS) VINCENT B., VAILLANCOURT 1980

FRESHWATER BENTHIC REGIONS

NOVA SCOTIA/NOUVELLE-ECOSSE DAVIES R.W. 1973 LEBLANC J.M., MCLLUNG 1979(MS)
 QUEBEC DAVIES R.W. 1973 VINCENT B., VAILLANCOURT 1977B DAVIES R.W. 1979 VINCENT B., VAILLANCOURT 1980
 ONTARIO DAVIES R.W. 1973
 DISTRIBUTION/REPARTITION
 DAVIES R.W. 1973 VINCENT B., VAILLANCOURT 1977B DAVIES R.W. 1979 LEBLANC J.M., MCLLUNG 1979(MS) VINCENT B., VAILLANCOURT 1980

ECOLOGIE/ÉCOLOGIE

VINCENT B., VAILLANCOURT 1977B, 1980

MORPHOLOGY/MORPHOLOGIE

VINCENT B., VAILLANCOURT 1980

TAXONOMY/TAXINOMIE

DAVIES R.W. 1973 LEBLANC J.M., MCLLUNG 1979(MS)

14 GLOSSIPHONIIDAE

HELOBDELLA SP

NAMES APPLIED/NOMS EMPLOYES

CLIPSINE SP

NICHOLSON,H.A 1872

HELOBDELLA SP

PRICE,J.W 1963 PICKAVANCE,J.R 1971 BRINKHURST,R.O 1972 BRITT,N.W, ET AL 1973

FRESHWATER BENTHIC

REGIONS

NEWFOUNDLAND-TERRRE-NEUVE PICKAVANCE,J.R 1971

ONTARIO NICHOLSON,H.A 1872 PRICE,J.W 1963 BRINKHURST,R.O 1972 BRITT,N.W, ET AL 1973

DISTRIBUTION/REPARTITION

NICHOLSON,H.A 1872 PRICE,J.W 1963 PICKAVANCE,J.R 1971 BRINKHURST,R.O 1972 BRITT,N.W, ET AL 1973

ECOLOGY/ÉCOLOGIE

PRICE,J.W 1963 PICKAVANCE,J.R 1971

MORPHOLOGY/MORPHOLOGIE

NICHOLSON,H.A 1872

MARVINMEYERIA LUCIDA (MOORE 1954)

NAMES APPLIED/NOMS EMPLOYES

MARVINMEYERIA LUCIDA (MOORE 1954)

DAVIES,R.W 1973 HOLMQUIST,C 1975. VINCENT,B., VAILLANCOURT 1977A. MCKEEL,P.M. MACKIE 1979

OCULOBDELLA LUCIDA MOORE 1954

MEYER,M.C. MOORE 1954. MOORE,J.E 1964, 1966A, 1966B MEYER,M.C. 1968 SCUDDER,G.G.E. MANN 1968 DABORN,R.G 1974A ROSENBERG,D.H 1975

OCULOBDELLA LUCIDA MOORE 1954 AS OCULOBDELLA LUCIDIA

KUSSAT,R.H 1969

FRESHWATER BENTHIC

REGIONS

QUEBEC VINCENT,B., VAILLANCOURT 1977A

ONTARIO MCKEE,P.M., MACKIE 1979

MANITOBA MEYER,M.C. MOORE 1954 MEYER,M.C 1968 DAVIES,R.W 1973

SASKATCHEWAN MOORE,J.E 1966B

ALBERTA MOORE,J.E 1964, 1966A, KUSSAT,R.H 1969 DAVIES,R.W 1973 DABORN,R.G 1974A ROSENBERG,D.H 1975

BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE SCUDDER,G.G.E. MANN 1968

NORTHWEST TERRITORIES/TERRITOIRES DU NORD-OUEST HOLMQUIST,C 1975

BEHAVIOR/COMPORTEMENT

MOORE,J.E 1964

DISTRIBUTION/REPARTITION

MEYER,M.C. MOORE 1954. MOORE,J.E 1964, 1966A, 1966B MEYER,M.C. 1968 SCUDDER,G.G.E. MANN 1968 KUSSAT,R.H 1969 DAVIES,R.W 1973 DABORN,R.G 1974A HOLMQUIST,C 1975 ROSENBERG,D.H 1975 VINCENT,B., VAILLANCOURT 1977A MCKEEL,P.M. MACKIE 1979

ECOLOGY/ÉCOLOGIE

MOORE,J.E 1964 SCUDDER,G.G.E. MANN 1968 KUSSAT,R.H 1969 HOLMQUIST,C 1975 ROSENBERG,D.H 1975 MCKEE,P.M., MACKIE 1979

LIFE HISTORY/CYCLE EVOLUTIF

MOORE,J.E 1964, 1966A

MORPHOLOGY/MORPHOLOGIE

MEYER,M.C. MOORE 1954 MOORE,J.E 1964 VINCENT,B., VAILLANCOURT 1977A

TAXONOMY/TAXINOMIE

MEYER,M.C. MOORE 1954 MEYER,M.C. 1968. DAVIES,R.W 1973

PLACOBDELLA HOLLENSIS (WHITMAN 1922)

NAMES APPLIED/NOMS EMPLOYES

PLACOBDELLA HOLLENSIS (WHITMAN 1922)

MOORE,J.P 1966C

FRESHWATER BENTHIC & ECTOPARASITIC

REGIONS

ONTARIO MOORE,J.P 1966C

DISTRIBUTION/REPARTITION

MOORE,J.P 1966C

MORPHOLOGY/MORPHOLOGIE

MOORE,J.P 1966C

TAXONOMY/TAXINOMIE

MOORE,J.P 1966C

PLACOBDELLA MONTIFERA MOORE 1966

NAMES APPLIED/NOMS EMPLOYES

CLIPSINE PAPILLIFERA VERRILL 1874

SMITHS I 1874C

PLACOBDELLA MONTIFERA MOORE 1966

MOORE,J.P 1966C RYERSON,C.G.S 1915 ADAMSTONE,F.B 1924 MOORE,J.P 1924 MILLER,J.A 1929 MOORE,J.P 1936 MEYER,M.C 1937. CLEMENS,W.A., ET AL 1939 OLIVER,D.R 1958 THOMAS,M.L.H 1965A(MS) BRITT,N.W, ET AL 1973 DAVIES,R.W 1973

VINCENT,B., VAILLANCOURT 1977A, 1977B, 1980

PLACOBDELLA MONTIFERA MOORE 1966 AS PLACOBDELLA MONTIFERA

BANGHAM,R.V., HUNTER 1939

FRESHWATER BENTHIC & ECTOPARASITIC

REGIONS

QUEBEC VINCENT,B., VAILLANCOURT 1977A, 1977B, 1980

ONTARIO SMITHS I 1874C MOORE,J.P 1966C RYERSON,C.G.S 1915 ADAMSTONE,F.B 1924 MOORE,J.P 1924 MILLER,J.A 1929 MOORE,J.P 1936 MEYER,M.C 1937

BANGHAM,R.V., HUNTER 1939 THOMAS,M.L.H 1965A(MS) BRITT,N.W, ET AL 1973

DAVIES,R.W 1973

SASKATCHEWAN OLIVER,D.R 1958

ALBERTA DAVIES,R.W 1973

BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE CLEMENS,W.A., ET AL 1939

DISTRIBUTION/REPARTITION

SMITHS I 1874C MOORE,J.P 1966C RYERSON,C.G.S 1915 ADAMSTONE,F.B 1924

MOORE,J.P 1924 MILLER,J.A 1929 MOORE,J.P 1936 MEYER,M.C 1937 CLEMENS,W.A. ET AL 1939 BANGHAM,R.V., HUNTER 1939 OLIVER,D.R 1958 THOMAS,M.L.H 1965A(MS) BRITT,N.W, ET AL 1973 DAVIES,R.W 1973 VINCENT,B., VAILLANCOURT 1977A, 1977B, 1980

ECOLOGY/ÉCOLOGIE

RYERSON,C.G.S 1915 MOORE,J.P 1924 MILLER,J.A 1929 MOORE,J.P 1936

BANGHAM,R.V., HUNTER 1939 DAVIES,R.W 1973. VINCENT,B., VAILLANCOURT 1977B 1980

LIFE HISTORY/CYCLE EVOLUTIF

MOORE,J.P 1924

MORPHOLOGY/MORPHOLOGIE

RYERSON,C.G.S 1915 MILLER,J.A 1929

TAXONOMY/TAXINOMIE

MOORE,J.P 1966C RYERSON,C.G.S 1915 MILLER,J.A 1929 DAVIES,R.W 1973

PLACOBDELLA ORNATA (VERRILL 1872)

NAMES APPLIED/NOMS EMPLOYES

PLACOBDELLA ORNATA (VERRILL 1872)

MOORE,J.E 1964 THOMAS,M.L.H 1965A(MS) MOORE,J.E 1966A, 1966B SCUDDER,G.G.E., MANN 1968 BRITT,N.W, ET AL 1973 DAVIES,R.W 1973 MCCLUNG,R.P 1974(MS) BARTON,K.J.C. TRAUER 1975. PATERSON,W.B. DESSER 1976. DAVIES,R.W ET AL 1977 VINCENT,B., VAILLANCOURT 1977B MCKINNEY,F. DERRICKSON 1979. LE-BLANC,J.M. MCCLUNG 1979(MS)

PLACOBDELLA RUGOSA (VERRILL 1874)

MOORE,J.P 1966C RYERSON,C.G.S 1915 MOORE,J.P 1922 BERER 1929 MILLER,J.A 1929 RAWSON,D.S 1930 MOORE,J.P 1936 MEYER,M.C 1937 MEYER,M.C. MOORE 1954

FRESHWATER BENTHIC & ECTOPARASITIC

REGIONS

NOVA SCOTIA/NOUVELLE-ÉCOSSE MOORE,J.P 1922. MCCLUNG,R.P 1974(MS) LE-BLANC,J.M. MCCLUNG 1979(MS)

QUEBEC MOORE,J.P 1922 MEYER,M.C 1937 DAVIES,R.W 1973 VINCENT,B., VAILLANCOURT 1977B

ONTARIO MOORE,J.P 1966C RYERSON,C.G.S 1915 MOORE,J.P 1922 MILLER,J.A 1929 RAWSON,D.S 1930 MOORE,J.P 1936 MEYER,M.C 1937 THOMAS,M.L.H 1965A(MS) BRITT,N.W, ET AL 1973 DAVIES,R.W 1973 PATERSON,W.B., DESSER 1976

MANITOBA MEYER,M.C. MOORE 1954 DAVIES,R.W 1973

SASKATCHEWAN MOORE,J.E 1966B DAVIES,R.W 1973

ALBERTA MOORE,J.P 1922. BERER 1929 MOORE,J.E 1964, 1966A. DAVIES,R.W 1973

DAVIES,R.W, ET AL 1977 MCKINNEY,F. DERRICKSON 1979

BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE SCUDDER,G.G.E. MANN 1968. DAVIES,R.W 1973

NORTHWEST TERRITORIES/TERRITOIRES DU NORD-OUEST MOORE,J.E 1964 BARTON,K.J.C. TRAUER 1975

PLACOBDELLA ORNATA (VERRILL 1872) - Cont'd

- YUKON TERRITORY TERRITOIRES DU YUKON DAVIES,R.W 1973
 BEHAVIOUR/COMPORTEMENT
 MILLER,J.A 1929 MOORE,J.E 1966A BARTONEK,J.C, TRAUGER 1975
 DISTRIBUTION/REPARTITION
 MOORE,J.P 1960C RYERSON,C.G.S 1915 MOORE,J.P 1922 BERER, 1929 MILLER,J.A
 1929 RAWSON,D.S 1930 MOORE,J.P 1936 MEYER,M.C 1937 MEYER,M.C, MOORE,
 1954 MOORE,J.E 1964 THOMAS,M.L.H 1965(MS) MOORE,J.E 1966A, 1966B SCUD-
 DER,G.G.E, MANN 1968 BRITT,R.W, ET AL 1973 DAVIES,R.W 1973 MCCLUNG,R.P
 1974(MS) BARTONEK,J.C, TRAUGER 1975 PATERSON,W.B, DESSER 1976 DAVIES,R.W
 ET AL 1977 VINCENT,B, VAILLANCOURT 1977B MCKINNEY,F, DERRICKSON 1979
 LEBLANC,J.M, MCCLUNG 1979(MS)
 ECOLOGY/ÉCOLOGIE
 MOORE,J.P 1960C RYERSON,C.G.S 1915 MILLER,J.A 1929 RAWSON,D.S 1930
 MOORE,J.P 1936 MOORE,J.E 1964, 1966A SCUDDER,G.G.E, MANN 1968 DAVIES,R.W
 1973 MCCLUNG,R.P 1974(MS) BARTONEK,J.C, TRAUGER 1975 PATERSON,W.B, DE-
 SSER 1976 VINCENT,B, VAILLANCOURT 1977B MCKINNEY,F, DERRICKSON 1979
 LIFE HISTORY/CYCLE ÉVOLUTION
 MOORE,J.P 1922, 1936 MOORE,J.E 1964, 1966A
 MORPHOLOGY/MORPHOLOGIE
 RYERSON,C.G.S 1915 BERER, 1929 MILLER,J.A 1929
 TAXONOMY/TAXINOMIE
 MOORE,J.P 1960C RYERSON,C.G.S 1915 MOORE,J.P 1922 BERER, 1929 MILLER,J.A
 1929 MOORE,J.E 1964 DAVIES,R.W 1973

PLACOBDELLA PAPILLIFERA (VERRILL 1872)

- NAMES APPLIED/NOMS EMPLOYÉS
 PLACOBDELLA PAPILLIFERA (VERRILL 1872)
 MEYER,M.C MOORE 1954 MOORE,J.E 1964 DAVIES,R.W 1973 DAVIES,R.W, ET AL.
 1977, 1982 DAVIES,R.W WILKIALIS 1982
 FRESHWATER BENTHIC & ECTOPARASITIC
 REGIONS
 ONTARIO DAVIES,R.W 1973
 MANITOBA MEYER,M.C, MOORE 1954
 ALBERTA MOORE,J.E 1964 DAVIES,R.W 1973 DAVIES,R.W, ET AL 1977, 1982 DA-
 VIES,R.W WILKIALIS 1982
 NORTHWEST TERRITORIES TERRITOIRES DU NORD-OUEST DAVIES,R.W 1973
 BEHAVIOUR/COMPORTEMENT
 MEYER,M.C MOORE 1954
 DISTRIBUTION/REPARTITION
 MEYER,M.C MOORE 1954 MOORE,J.E 1964 DAVIES,R.W 1973 DAVIES,R.W, ET AL.
 1977, 1982 DAVIES,R.W WILKIALIS 1982
 ECOLOGY/ÉCOLOGIE
 DAVIES,R.W, ET AL 1982 DAVIES,R.W WILKIALIS 1982
 MORPHOLOGY/MORPHOLOGIE
 MEYER,M.C MOORE 1954
 TAXONOMY/TAXINOMIE
 MEYER,M.C, MOORE 1954 DAVIES,R.W 1973

PLACOBDELLA PARASITICA (SAY 1824)

- NAMES APPLIED/NOMS EMPLOYÉS
 GLOSSIPHONIA PARASITICA (SAY 1824)
 MOORE,J.P 1898
 FRESHWATER PARASITICA SAY 1824
 SAY,T 1825
 PLACOBDELLA PARASITICA (SAY 1824)
 MOORE,J.P 1960C HUNTSMAN,A.G 1913 RYERSON,C.G.S 1915 MOORE,J.P 1922 MIL-
 LER,J.A 1929 MOORE,J.P 1936 RAWSON,D.S, MOORE 1944 PAWLOWSKI,L.K 1948
 MEYER,M.C MOORE 1954 OLIVER,D.R 1958 PRICE,J.W 1963 MOORE,J.E 1964
 WOOP,T.K 1969 DAVIES,R.W 1973 MCCLUNG,R.P 1974(MS) PATERSON,W.B, DESSER
 1976 LEBLANC,J.M, MCCLUNG 1979(MS) MACCULLOCH,R.D 1981
 FRESHWATER BENTHIC & ECTOPARASITIC
 REGIONS
 NOVA SCOTIA NOUVELLE-ÉCOSSE PAWLOWSKI,L.K 1948 MCCLUNG,R.P 1974(MS) LE-
 BLANC,J.M, MCCLUNG 1979(MS)
 ONTARIO MOORE,J.P 1960C HUNTSMAN,A.G 1913 RYERSON,C.G.S 1915 MOORE,J.P
 1922 MILLER,J.A 1929 MOORE,J.P 1936 MEYER,M.C, MOORE 1954 PRICE,J.W 1963
 WOOP,T.K 1969 DAVIES,R.W 1973 PATERSON,W.B, DESSER 1976
 MANITOBA SAY,T 1825 MOORE,J.P 1898

SASKATCHEWAN RAWSON,D.S, MOORE 1944 OLIVER,D.R 1958 MACCULLOCH,R.D
 1981

- ALBERTA MOORE,J.E 1964
 DISTRIBUTION/REPARTITION
 MOORE,J.P 1898, 1960C HUNTSMAN,A.G 1913 RYERSON,C.G.S 1915 MOORE,J.P 1922,
 1936 RAWSON,D.S, MOORE 1944 PAWLOWSKI,L.K 1948 MEYER,M.C, MOORE 1954
 OLIVER,D.R 1958 PRICE,J.W 1963 MOORE,J.E 1964 WOOP,T.K 1969 DAVIES,R.W
 1973 MCCLUNG,R.P 1974(MS) PATERSON,W.B, DESSER 1976 LEBLANC,J.M, MCCLUNG,
 1979(MS) MACCULLOCH,R.D 1981
 ECOLOGY/ÉCOLOGIE
 MOORE,J.P 1960C RYERSON,C.G.S 1915 MILLER,J.A 1929 MOORE,J.P 1936 RAW-
 SON,D.S, MOORE 1944 PAWLOWSKI,L.K 1948 MEYER,M.C, MOORE 1954 PRICE,J.W
 1963 WOOP,T.K 1969 DAVIES,R.W 1973 MCCLUNG,R.P 1974(MS) PATERSON,W.B, DE-
 SSER 1976 MACCULLOCH,R.D 1981
 LIFE HISTORY/CYCLE ÉVOLUTION
 WOOP,T.K 1969
 MORPHOLOGY/MORPHOLOGIE
 SAY,T 1825 RYERSON,C.G.S 1915 MILLER,J.A 1929
 PATHOLOGY/PATHOLOGIE
 WOOP,T.K 1969
 TAXONOMY/TAXINOMIE
 MOORE,J.P 1898, 1960C RYERSON,C.G.S 1915 MOORE,J.P 1922 MILLER,J.A 1929
 PAWLOWSKI,L.K 1948 DAVIES,R.W 1973
 TECHNIQUES/METHODOLOGIES
 MCCLUNG,R.P 1974(MS)

PLACOBDELLA PHALERA (GRAF 1899)

- NAMES APPLIED/NOMS EMPLOYÉS
 PLACOBDELLA PHALERA (GRAF 1899)
 SAWYER,R.T 1922 VINCENT,B, VAILLANCOURT 1980
 PLACOBDELLA PHALERA (GRAF 1899)
 MOORE,J.P 1960C HUNTSMAN,A.G 1913 RYERSON,C.G.S 1915 MOORE,J.P 1922
 RICHARDSON,R 1942 MCCLURE,H.E 1943 MEYER,M.C, MOORE 1954 DAVIES,R.W
 1973 MCCLUNG,R.P 1974(MS) LEBLANC,J.M, MCCLUNG 1979(MS)
 FRESHWATER BENTHIC
 REGIONS
 NOVA SCOTIA/NOUVELLE-ÉCOSSE MOORE,J.P 1922 SAWYER,R.T 1922 MCCLUNG,R.P
 1974(MS) LEBLANC,J.M, MCCLUNG 1979(MS)
 QUEBEC RICHARDSON,R 1942 VINCENT,B, VAILLANCOURT 1980
 ONTARIO MOORE,J.P 1960C HUNTSMAN,A.G 1913 RYERSON,C.G.S 1915 MOORE,J.P
 1922 DAVIES,R.W 1973
 MANITOBA MCCLURE,H.E 1943 MEYER,M.C, MOORE 1954
 DISTRIBUTION/REPARTITION
 MOORE,J.P 1960C HUNTSMAN,A.G 1913 RYERSON,C.G.S 1915 MOORE,J.P 1922
 RICHARDSON,R 1942 MCCLURE,H.E 1943 MEYER,M.C, MOORE 1954 SAWYER,R.T
 1922 DAVIES,R.W 1973 MCCLUNG,R.P 1974(MS) LEBLANC,J.M, MCCLUNG 1979(MS)
 VINCENT,B, VAILLANCOURT 1980
 ECOLOGY/ÉCOLOGIE
 MCCLURE,H.E 1943 SAWYER,R.T 1922 VINCENT,B, VAILLANCOURT 1980
 LIFE HISTORY/CYCLE ÉVOLUTION
 MOORE,J.P 1922
 MORPHOLOGY/MORPHOLOGIE
 MOORE,J.P 1960C RYERSON,C.G.S 1915 SAWYER,R.T 1922
 TAXONOMY/TAXINOMIE
 MOORE,J.P 1960C RYERSON,C.G.S 1915 MOORE,J.P 1922 SAWYER,R.T 1922 DA-
 VIES,R.W 1973
 PLACOBDELLA SP
 NAMES APPLIED/NOMS EMPLOYÉS
 PLACOBDELLA SP
 KRECKER,F.H, LANCASTER 1933 ROBERTSON,J.G 1954 PRICE,J.W 1963 SMITH,M.W
 1969 WOOP,T.K 1969 BASCHER,E, ET AL 1980
 FRESHWATER BENTHIC & ECTOPARASITIC
 REGIONS
 NEW BRUNSWICK/NOUVEAU-BRUNSWICK SMITH,M.W 1969
 ONTARIO KRECKER,F.H, LANCASTER 1933 PRICE,J.W 1963 WOOP,T.K 1969
 BASCHER,E, ET AL 1980
 BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE ROBERTSON,J.G 1954

16 GLOSSIPHONIDAE**PLACORDELLA SP - Cont'd**

- DISTRIBUTION/REPARTITION
KREGER, F.H., LANCASTER 1933 ROBERTSON, J.G. 1954 PRICE, J.W. 1963 SMITH, M.W.
1969 WOOD, P.T.K. 1969 BASCHL, R.E., ET AL. 1980
- ECOLOGY/ÉCOLOGIE
ROBERTSON, J.G. 1954 PRICE, J.W. 1963 WOOD, P.T.K. 1969 BASCHL, R.E., ET AL. 1980

THEROMYZON MACULOSUM (RATHKE 1862)

- NAMES APPLIED/NOMS EMPLOYÉS
THEROMYZON MACULOSUM (RATHKE 1862)
DAVIES, R.W. 1973
- THEROMYZON MEYERI (LIVANOW 1902)
MOORE, J.F. 1954
- FRESHWATER BENTHIC & ECTOPARASITIC
REGIONS
ALBERTA MOORE, J.F. 1954 DAVIES, R.W. 1973
- YUKON TERRITORY/TERRITOIRE DU YUKON DAVIES, R.W. 1973
- DISTRIBUTION/REPARTITION
MOORE, J.F. 1954 DAVIES, R.W. 1973
- TAXONOMY/TAXINOMIE
MOORE, J.F. 1954 DAVIES, R.W. 1973

THEROMYZON RUDE (BAIRD 1869)

- NAMES APPLIED/NOMS EMPLOYÉS
GLENSIPHONIA RUDES BAIRD 1869
BAIRD W. 1869
- THEROMYZON RUDE (BAIRD 1869)
MOORE, J.F., MEYER 1951 MEYER, M.C., MOORE 1954 KEITH, M.J. 1955 MOORE, J.F.
1964, 1966A SCUDDER, G.G.E., MANN 1968 SCUDDER, G.G.E. 1969 DAVIES, R.W. 1973
BARTONEK, J.C., TRAUER 1975 REYNOLDS, T.B., DAVIES 1976 DAVIES, R.W., ET AL.
1977 DAVIES, R.W., WILKIALIS 1980 WILKIALIS, J., DAVIES 1980 ³DAVIES, R.W., WILKIALIS
1981 DAVIES, R.W., ET AL. 1982 KLEMM, D.J. 1982

FRESHWATER BENTHIC & ECTOPARASITIC

- REGIONS
ONTARIO KLEMM, D.J. 1982
- MANITOBA MEYER, M.C., MOORE 1954
- SASKATCHEWAN MOORE, J.F., MEYER 1951 MEYER, M.C., MOORE 1954
- ALBERTA MOORE, J.F. 1954, 1966A DAVIES, R.W. 1973 REYNOLDS, T.B., DAVIES 1976
DAVIES, R.W., ET AL. 1977 DAVIES, R.W., WILKIALIS 1980 WILKIALIS, J., DAVIES 1980
DAVIES, R.W., WILKIALIS 1981 DAVIES, R.W., ET AL. 1982
- BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE SCUDDER, G.G.E., MANN 1968 SCUD-
DER, G.G.E. 1969 DAVIES, R.W. 1973
- NORTHWEST TERRITORIES/TERRITOIRES DU NORD-OUEST BAIRD, W. 1869 MOORE, J.F.,
MEYER 1951 DAVIES, R.W. 1973 BARTONEK, J.C., TRAUER 1975
- YUKON TERRITORY/TERRITOIRE DU YUKON DAVIES, R.W. 1973

ALASKA KEITH, M.J. 1955

- BEHAVIOUR/COMPORTEMENT
MEYER, M.C., MOORE 1954 BARTONEK, J.C., TRAUER 1975 DAVIES, R.W., WILKIALIS
1980 WILKIALIS, J., DAVIES 1980 ³DAVIES, R.W., WILKIALIS 1981

DISTRIBUTION/REPARTITION

- MOORE, J.F., MEYER 1951 MEYER, M.C., MOORE 1954 KEITH, M.J. 1955 MOORE, J.F.
1964, 1966A SCUDDER, G.G.E., MANN 1968 SCUDDER, G.G.E. 1969 DAVIES, R.W. 1973
BARTONEK, J.C., TRAUER 1975 REYNOLDS, T.B., DAVIES 1976 DAVIES, R.W., ET AL.
1977 DAVIES, R.W., WILKIALIS 1980 DAVIES, R.W., ET AL. 1982 KLEMM, D.J. 1982

ECOLOGY/ÉCOLOGIE

- MOORE, J.F., MEYER 1951 MEYER, M.C., MOORE 1954 KEITH, M.J. 1955 MOORE, J.F.
1964, 1966A SCUDDER, G.G.E., MANN 1968 SCUDDER, G.G.E. 1969 DAVIES, R.W. 1973
BARTONEK, J.C., TRAUER 1975 REYNOLDS, T.B., DAVIES 1976 DAVIES, R.W., WILKIALIS
1980 WILKIALIS, J., DAVIES 1980 DAVIES, R.W., WILKIALIS 1981 DAVIES, R.W., ET AL.
1982 KLEMM, D.J. 1982

LIFE HISTORY/CYCLE ÉVOLUTION

- MEYER, M.C., MOORE 1954 MOORE, J.F. 1964, 1966A SCUDDER, G.G.E., MANN 1968 DA-
VIES, R.W., WILKIALIS 1980 WILKIALIS, J., DAVIES 1980

MORPHOLOGY/MORPHOLOGIE

- BAIRD, W. 1869 MOORE, J.F., MEYER 1951 MEYER, M.C., MOORE 1954 KLEMM, D.J.
1982

PATHOLOGY/PATHOLOGIE

- BARTONEK, J.C., TRAUER 1975

PHYSIOLOGY/PHYSIOLOGIE

- REYNOLDS, T.B., DAVIES 1976 ³DAVIES, R.W., WILKIALIS 1981

TAXONOMY TAXINOMIE

- BAIRD, W. 1869 MOORE, J.F., MEYER 1951 MEYER, M.C., MOORE 1954 KEITH, M.J.
1955 DAVIES, R.W. 1973 KLEMM, D.J. 1982

THEROMYZON TESSULATUM (O.F. MULLER 1774)

- NAMES APPLIED/NOMS EMPLOYÉS
THEROMYZON TESSULATUM (O.F. MULLER 1774)
PAWLOWSKI, K. 1948 OLIVER, D.R. 1958 DAVIES, R.W. 1973 VINCENT, B., VAILLAN-
COURT 1977B LEBLANC, J.M., MCCLUNG 1979(MS) VINCENT, B., VAILLANCOURT 1980
KLEMM, D.J. 1982

FRESHWATER BENTHIC & ECTOPARASITIC

- REGIONS
NOVA SCOTIA/NOUVELLE-ÉCOSSE PAWLOWSKI, K. 1948 LEBLANC, J.M., MCCLUNG
1979(MS)
- QUEBEC VINCENT, B., VAILLANCOURT 1977B, 1980
- NASKATCHEWAN OLIVER, D.R. 1958 DAVIES, R.W. 1973
- BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE DAVIES, R.W. 1973
- ALASKA KLEMM, D.J. 1982

DISTRIBUTION/REPARTITION

- PAWLOWSKI, K. 1948 OLIVER, D.R. 1958 DAVIES, R.W. 1973 VINCENT, B., VAILLAN-
COURT 1977B LEBLANC, J.M., MCCLUNG 1979(MS) VINCENT, B., VAILLANCOURT 1980
KLEMM, D.J. 1982

ECOLOGY/ÉCOLOGIE

- PAWLOWSKI, K. 1948 VINCENT, B., VAILLANCOURT 1977B, 1980 KLEMM, D.J. 1982

MORPHOLOGY/MORPHOLOGIE

- PAWLOWSKI, K. 1948 KLEMM, D.J. 1982

TAXONOMY/TAXINOMIE

- DAVIES, R.W. 1973 KLEMM, D.J. 1982

THEROMYZON SP**NAMES APPLIED/NOMS EMPLOYÉS**

- THEROMYZON SP
JUDD, W.W. 1969 MCCLUNG, R.P. 1974(MS) ROSENBERG, D.M. 1975 VINCENT, B., VAIL-
LANCOURT 1977A

FRESHWATER BENTHIC & ECTOPARASITIC

- REGIONS
NOVA SCOTIA/NOUVELLE-ÉCOSSE MCCLUNG, R.P. 1974(MS)
- QUEBEC VINCENT, B., VAILLANCOURT 1977A
- ONTARIO JUDD, W.W. 1969
- ALBERTA ROSENBERG, D.M. 1975

DISTRIBUTION/REPARTITION

- JUDD, W.W. 1969 MCCLUNG, R.P. 1974(MS) ROSENBERG, D.M. 1975 VINCENT, B., VAIL-
LANCOURT 1977A

ECOLOGY/ÉCOLOGIE

- JUDD, W.W. 1969 MCCLUNG, R.P. 1974(MS) ROSENBERG, D.M. 1975 VINCENT, B., VAIL-
LANCOURT 1977A

TECHNIQUES/MÉTHODOLOGIES

- MCCLUNG, R.P. 1974(MS)

THEROMYZON SPECIES INCERTA**NAMES APPLIED/NOMS EMPLOYÉS**

- PROTOLIPSIS OCCIDENTALIS (NON VERRILL 1874, MOORE 1912)
MOORE, J.P. 1922
- THEROMYZON OCCIDENTALIS (VERRILL 1874)
BERE, R. 1929 RAWSON, D.S., MOORE 1944
- THEROMYZON OCCIDENTALIS (NON VERRILL 1874, MOORE 1912)
FREDEN, F.H.J., SHEANICHUK 1960
- THEROMYZON OCCIDENTALIS (VERRILL 1874) ⁴THEROMYZON OCCIDENTALE
OLIVER, D.R. 1958

FRESHWATER BENTHIC & ECTOPARASITIC

- REGIONS
PRINCE EDWARD ISLAND/ÎLE-DU-PRINCE-ÉDOUARD MOORE, J.P. 1922
- SASKATCHEWAN RAWSON, D.S., MOORE 1944 OLIVER, D.R. 1958
- ALBERTA BERE, R. 1929 FREDEN, F.H.J., SHEANICHUK 1960
- BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE RAWSON, D.S. 1934

THEROMYZON SPECIES INCERTA - Cont'd.

- DISTRIBUTION/REPARTITION
MOORE,J.P. 1922 BERE,R. 1929 RAWSON,D.S. 1934 RAWSON,D.S.,MOORE. 1944 OLF,
VER,D.R. 1934 FREDEN,F.H., SIEMANCHUK. 1960
- ECOLOGY/ÉCOLOGIE
RAWSON,D.S.,MOORE. 1944
- MORPHOLOGY/MORPHOLOGIE
BERE,R. 1929 RAWSON,D.S. 1934
- TAXONOMY/TAXINOMIE
MOORE,J.P. 1922 BERE,R. 1929

GLOSSIPHONIIDAE GENUS INCERTUM

HEMICLEPSIS OCCIDENTALIS (NON VERRILL 1874)

- NAMES APPLIED/NOMS EMPLOYES
HEMICLEPSIS OCCIDENTALIS
RAWSON,D.S.,MOORE. 1944 OLIVER,D.R. 1958
- FRESHWATER BENTHIC
REGIONS
SASKATCHEWAN RAWSON,D.S.,MOORE. 1944 OLIVER,D.R. 1958
- DISTRIBUTION/REPARTITION
RAWSON,D.S.,MOORE. 1944 OLIVER,D.R. 1958
- ECOLOGY/ÉCOLOGIE
RAWSON,D.S.,MOORE. 1944

HIRUDINIDAE

BDELLAROGATIS PLUMBEUS (MOORE 1912)

- NAMES APPLIED/NOMS EMPLOYES
BDELLAROGATIS PLUMBEUS (MOORE 1912)
RICHARDSON,L.R. 1969
- HAEMOPIS PLUMBEA MOORE. 1912 AS HAEMOPIS PLUMBEUS
RICKER,W.E. 1932A, 1932B, 1934A
- FRESHWATER BENTHIC
REGIONS
QUEBEC RICHARDSON,L.R. 1969
ONTARIO RICKER,W.E. 1932A, 1932B, 1934A
- DISTRIBUTION/REPARTITION
RICKER,W.E. 1932A, 1932B, 1934A RICHARDSON,L.R. 1969
- ECOLOGY/ÉCOLOGIE
RICKER,W.E. 1932A, 1932B, 1934A.
- MORPHOLOGY/MORPHOLOGIE
RICHARDSON,L.R. 1969
- TAXONOMY/TAXINOMIE
RICHARDSON,L.R. 1969

*HIRUDO MEDICINALIS LINNAEUS 1758

- NAMES APPLIED/NOMS EMPLOYES
HIRUDO MEDICINALIS LINNAEUS 1758
KEMP,A.F. 1882 BLANCHARD,R. 1896 DAVIES,R.W. 1973
- FRESHWATER BENTHIC
REGIONS
NEWFOUNDLAND,TERRE-NEUVE BLANCHARD,R. 1896
ONTARIO KEMP,A.F. 1882
ALBERTA DAVIES,R.W. 1973
- DISTRIBUTION/REPARTITION
KEMP,A.F. 1882 BLANCHARD,R. 1896 DAVIES,R.W. 1973
- TAXONOMY/TAXINOMIE
DAVIES,R.W. 1973

MACROBDELLA DECORA (SAY 1824)

- NAMES APPLIED/NOMS EMPLOYES
HIRUDO DECORA SAY 1824
SAY.T. 1825
- MACROBDELLA DECORA (SAY 1824)
SMITHS,I. 1874C VERRILL,A.E. 1874D ADAMS,C.C. 1909 RYERSON,C.G.S. 1915
MOORE,J.P. 1922 ADAMSTONE,F.B. 1924 MOORE,J.P. 1924 RICKER,W.E. 1934A
MOORE,J.P. 1924 MEYER,M.C. 1937 SMITH,M.W. 1938B RICHARDSON,L.R. 1942, 1943
PAWLOWSKI,K. 1948 MEYER,M.C. MOORE. 1954 PREFONTAINE,G. BRUNEL. 1962
MOORE,J.E. 1966B RICHARDSON,L.R. 1969 SMITH,M.W. 1969 DAVIES,R.W. 1973 MC-
CLUNG,R.P. 1974(MS) WEBB,R.A., ORCHARD. 1979 LEBLANC,J.M., MCCLUNG. 1979(MS)
ORCHARD,I. WEBB. 1980 WEBB,R.A. 1980 WEBB,R.A., ORCHARD. 1980
- FRESHWATER BENTHIC
REGIONS
PRINCE EDWARD ISLAND/ILE-DU-PRINCE-EDOUARD RICHARDSON,L.R. 1943 DAVIES,R.W.
1973
NOVA SCOTIA/NOUVELLE-ECOSSE MOORE. J.P. 1922 SMITH,M.W. 1938B PAWLOWSKI,K.
1948 MCCLUNG,R.P. 1974(MS) LEBLANC,J.M., MCCLUNG. 1979(MS)
- NEW BRUNSWICK,NOUVEAU-BRUNSWICK RICHARDSON,L.R. 1943 SMITH,M.W. 1940
QUEBEC MOORE,J.P. 1922 RICHARDSON,L.R. 1942 PREFONTAINE,G. BRUNEL. 1962
RICHARDSON,L.R. 1969 DAVIES,R.W. 1973
- ONTARIO SAY.T. 1825 SMITHS,I. 1874C VERRILL,A.E. 1874D ADAMS,C.C. 1909 RYER-
SON,C.G.S. 1915 MOORE,J.P. 1922 ADAMSTONE,F.B. 1924 MOORE,J.P. 1924 RICK-
ER,W.E. 1934A MOORE,J.P. 1936 MEYER,M.C. 1937 MEYER,M.C.,MOORE. 1954 DA-
VIES,R.W. 1973 WEBB,R.A., ORCHARD. 1979 ORCHARD,I.,WEBB. 1980 WEBB,R.A. 1980
WEBB,R.A., ORCHARD. 1980
- MANITOBA MCCLUNG,R.P. 1974(MS) LEBLANC,J.M., MCCLUNG. 1979(MS)
- SASKATCHEWAN MOORE,J.P. 1922 MOORE,J.E. 1966B
- ALBERTA DAVIES,R.W. 1973
- BEHAVIOUR/COMPORTEMENT
RICHARDSON,L.R. 1943
- BIOCHEMISTRY/BIOCHIMIE
WEBB,R.A., ORCHARD. 1980
- DISTRIBUTION/REPARTITION
SAY.T. 1825 SMITHS,I. 1874C VERRILL,A.E. 1874D ADAMS,C.C. 1909 RYERSON,C.G.S.
1915 MOORE,J.P. 1922 ADAMSTONE,F.B. 1924 MOORE,J.P. 1924 RICKER,W.E. 1934A
MOORE,J.P. 1936 MEYER,M.C. 1937 SMITH,M.W. 1938B RICHARDSON,L.R. 1942, 1943
PAWLOWSKI,K. 1948 MEYER,M.C.,MOORE. 1954 PREFONTAINE,G. BRUNEL. 1962
MOORE,J.E. 1966B SMITH,M.W. 1969 DAVIES,R.W. 1973 MCCLUNG,R.P. 1974(MS)
WEBB,R.A., ORCHARD. 1979 LEBLANC,J.M., MCCLUNG. 1979(MS) WEBB,R.A., ORCHARD.
1980
- ECOLOGY/ÉCOLOGIE
VERRILL,A.E. 1874D ADAMS,C.C. 1909. MOORE,J.P. 1924 RICKER,W.E. 1934A. PAW-
LOWSKI,K. 1948
- MORPHOLOGY/MORPHOLOGIE
SAY.T. 1825 VERRILL,A.E. 1874D ADAMS,C.C. 1909 RYERSON,C.G.S. 1915 MOORE,J.P.
1922, 1936 PAWLOWSKI,K. 1948 WEBB,R.A., ORCHARD. 1979 WEBB,R.A. 1980
- PATHOLOGY/PATHOLOGIE
VERRILL,A.E. 1874D
- PHYSIOLOGY/PHYSIOLOGIE
WEBB,R.A., ORCHARD. 1979 ORCHARD,I.,WEBB. 1980 WEBB,R.A. 1980 WEBB,R.A., OR-
CHARD. 1980
- SYSTEMATICS/SYSTEMATIQUE
RICHARDSON,L.R. 1969
- TAXONOMY/TAXINOMIE
SAY.T. 1825 VERRILL,A.E. 1874D RYERSON,C.G.S. 1915 MOORE,J.P. 1922 DAVIES,R.W.
1973
- TECHNIQUES/METHODOLOGIES
MCCLUNG,R.P. 1974(MS)
- MACROBDELLA SP.
- NAMES APPLIED/NOMS EMPLOYES
MACROBDELLA SP.
ELSON,P.F. 1940(MS) SMITH,M.W. 1947
- FRESHWATER BENTHIC
REGIONS
NOVA SCOTIA/NOUVELLE-ECOSSE ELSON,P.F. 1940(MS) SMITH,M.W. 1947
- DISTRIBUTION/REPARTITION
ELSON,P.F. 1940(MS) SMITH,M.W. 1947
- ECOLOGY/ÉCOLOGIE
ELSON,P.F. 1940(MS)

MOLLIBDELLA GRANDIS (VERRILL 1874)

NAMES APPLIED/NOMS EMPLOYES

HAEMOPSIS GRANDIS (VERRILL 1874)

RUTHVEN,A.G 1906 RYERSON,C.G.S 1915 MOORE,J.P 1922 ADAMSTONE,F B 1924
MOORE,J.P 1924 RAWSON,D.S 1928 BERER 1929 MILLER,J.A 1929 RAWSON,D.S
1930 RICKER,W.E 1932B MOORE,J.P 1936 MEYER,M.C 1937 RICHARDSON,L.R 1943
MEYER,M.C,MOORE 1954 OLIVER,D.R 1958 RAWSON,D.S 1959 OLIVER,D.R 1960
THOMAS,M.L.H 1965(MS) BARTON,D.R, HYNES 1978A TIMMERS,S.F 1979 VIN-
CENT,B, VAILLANCOURT 1980

HAEMOPSIS GRANDIS (VERRILL 1874) AS HAEMOPSIS GRANDIS

ADAMS,C 1909

MOLLIBDELLA GRANDIS (VERRILL 1874)

RICHARDSON,L.R 1869 DAVIES,R.W 1973 MCCLUNG,R.P 1974(MS) WILLIAMS,D.D, HY-
NES 1976A LEBLANC,J.M, MCCLUNG 1979(MS)
SEMISCOLA, GRANDIS VERRILL 1874
SMITH,S I 1874C VERRILL,E 1874D

FRESHWATER BENTHIC

REGIONS

PRINCE EDWARD ISLAND, ILE-DU-PRINCE-EDOUARD RICHARDSON,L.R 1943
NOVA SCOTIA, NOUVELLE-ECOSSE MCCLUNG,R.P 1974(MS) LEBLANC,J.M, MCCLUNG
1979(MS)

QUEBEC MOORE,J.P 1922 MEYER,M.C 1937 RICHARDSON,L.R 1969 DAVIES,R.W

1973 VINCENT,B, VAILLANCOURT 1980

ONTARIO SMITH,S I 1874C VERRILL,E 1874D RUTHVEN,A.G 1906 ADAMS,C.G 1909
RYERSON,C.G.S 1915 MOORE,J.P 1922 ADAMSTONE,F B 1924 MOORE,J.P 1924 RAW-
SON,D.S 1928 MILLER,J.A 1929 RAWSON,D.S 1930 RICKER,W.E 1932B MOORE,J.P
1936 MEYER,M.C,MOORE 1954 THOMAS,M.L.H 1965(MS) WILLIAMS,D.D HYNES
1976A BARTON,D.R, HYNES 1978A

MANITOBA MOORE,J.P 1922 DAVIES,R.W 1973 TIMMERS,S.F 1979

SASKATCHEWAN OLIVER,D.R 1958 RAWSON,D.S 1959 OLIVER,D.R 1960

ALBERTA BERER 1929

NORTHWEST TERRITORIES/TERRITOIRES DU NORD-OUEST DAVIES,R.W 1973

BEHAVIOUR/COMPORTEMENT

OLIVER,D.R 1960 WILLIAMS,D.D, HYNES 1976A

DISTRIBUTION/REPARTITION

SMITH,S I 1874C VERRILL,E 1874D RUTHVEN,A.G 1906 ADAMS,C.C 1909 RYER-
SON,C.G.S 1915 MOORE,J.P 1922 ADAMSTONE,F B 1924 RAWSON,D.S 1928 BERER
1929 MILLER,J.A 1929 RAWSON,D.S 1930 RICKER,W.E 1932B MOORE,J.P 1936
MEYER,M.C 1937 RICHARDSON,L.R 1943 MEYER,M.C,MOORE 1954 OLIVER,D.R
1958 RAWSON,D.S 1959 OLIVER,D.R 1960 THOMAS,M.L.H 1965(MS) DAVIES,R.W
1973 MCCLUNG,R.P 1974(MS) WILLIAMS,D.D, HYNES 1976A BARTON,D.R, HYNES
1978A TIMMERS,S.F 1979 LEBLANC,J.M, MCCLUNG 1979(MS) VINCENT,B, VAILLAN-
COURT 1980

ECOLOGY/ECOLOGIE

RUTHVEN,A.G 1906 ADAMS,C.C 1909 MOORE,J.P 1924 MILLER,J.A 1929 RAW-
SON,D.S 1930 RICKER,W.E 1932B RAWSON,D.S 1959 MCCLUNG,R.P 1974(MS) WIL-
LIAMS,D.D, HYNES 1976A BARTON,D.R, HYNES 1978A TIMMERS,S.F 1979 VIN-
CENT,B, VAILLANCOURT 1980

MORPHOLOGY/MORPHOLOGIE

VERRILL,E 1874D RYERSON,C.G.S 1915 MOORE,J.P 1922, 1924 BERER 1929 MIL-
LER,J.A 1929 MOORE,J.P 1936

PHYSIOLOGY/PHYSIOLOGIE

WILLIAMS,D.D, HYNES 1976A

SYSTEMATICS/SYSTEMATIQUE

RICHARDSON,L.R 1869

TAXONOMY TAXINOMIE

VERRILL,E 1874D RYERSON,C.G.S 1915 MOORE,J.P 1922 BERER 1929 MILLER,J.A
1929 DAVIES,R.W 1973

TECHNIQUES/METHODOLOGIES

MCCLUNG,R.P 1974(MS).

PERCYMOORENSIS MARMORATIS (SAY 1824)

NAMES APPLIED/NOMS EMPLOYES

AULASTOMUM LACUSTRE LEIDY 1868

SMITH,S I 1874C VERRILL,E 1874D

AULASTOMUM LACUSTRE LEIDY 1868 AS AULASTOMUM LACUSTRIS
LEIDY,J 1868

PERCYMOORENSIS MARMORATIS (SAY 1824)

MOORE,J.P 1868 RYERSON,C.G.S 1915 MOORE,J.P 1922 ADAMSTONE,F.B, HARKNESS
1923 ADAMSTONE,F B 1924 MOORE,J.P 1924 RAWSON,D.S 1930 RICKER,W.E 1934A
MOORE,J.P 1936 MEYER,M.C 1937 CLEMENS,W.A, ET AL 1939 RICHARDSON,L.R 1942,
1943 RAWSON,D.S, MOORE 1944 PAWLOWSKILL,K 1948 MOORE,J.P, MEYER 1951
MEYER,M.C, MOORE 1954 KEITH,M M 1955 SCUDDER,G.G.E, MANN 1968 PATER-
SON,C.G, FERNANDO 1969B

HAEMOPSIS MARMORATIS (SAY 1824) AS HAEMOPSIS MARMORATA

BERER 1929 OLIVER,D.R 1958 MOORE,J.E 1964, 1966A CLIFFORD,H.F 1969 VIN-
CENT,B, VAILLANCOURT 1980

HAEMOPSIS MARMORATIS (SAY 1824) AS HAEMOPSIS MARMORATE

GATES,G.E, MOORE 1970

HAEMOPSIS MARMORATIS (SAY 1824) AS HAEMOPSIS MARMORATUS

HUNTSMAN,A.G 1913 RAWSON,D.S 1953B

HAEMOPSIS SANGUISUGA (LINNAEUS 1758)

BLANCHARD,R 1876

HIRUDO MARMORATA SAY 1824

SAY,T 1825

PERCYMOORENSIS MARMORATIS (SAY 1824) AS PERCYMOORENSIS MARMORATA

DAVIES,R.W 1973 MCCLUNG,R.P 1974(MS) LEBLANC,J.M, MCCLUNG 1977(MS) DA-
VIES,R.W 1979

FRESHWATER BENTHIC

REGIONS

NEWFOUNDLAND/TERRRE-NEUVE BLANCHARD,R 1876 PAWLOWSKILL,K 1948

PRINCE EDWARD ISLAND, ILE-DU-PRINCE-EDOUARD MOORE,J.P 1922 RICHARDSON,L.R
1943 LEBLANC,J.M, MCCLUNG 1977(MS)

NOVA SCOTIA/NOUVELLE-ECOSSE MOORE,J.P 1922 PAWLOWSKILL,K 1948 GATES,G.E,
MOORE 1970 DAVIES,R.W 1973 MCCLUNG,R.P 1974(MS) LEBLANC,J.M, MCCLUNG
1977(MS)

QUEBEC MOORE,J.P 1922 MEYER,M.C 1937 RICHARDSON,L.R 1942 MEYER,M.C,
MOORE 1954 LEBLANC,J.M, MCCLUNG 1977(MS) DAVIES,R.W 1979 VINCENT,B,
VAILLANCOURT 1980

ONTARIO SAY,T 1825 LEIDY,J 1868 SMITH,S I 1874C VERRILL,E 1874D HUNTS-
MAN,A.G 1913 RYERSON,C.G.S 1915 MOORE,J.P 1922 ADAMSTONE,F.B, HARKNESS
1923 ADAMSTONE,F B 1924 MOORE,J.P 1924 RAWSON,D.S 1930 RICKER,W.E 1934A
MOORE,J.P 1936 MEYER,M.C 1937 MEYER,M.C, MOORE 1954 PATERSON,C.G, FER-
NANDO 1969B DAVIES,R.W 1973

MANITOBA MEYER,M.C, MOORE 1954

SASKATCHEWAN MOORE,J.P 1922 RAWSON,D.S, MOORE 1944 OLIVER,D.R 1958

ALBERTA BERER 1929 MOORE,J.E 1964, 1966A CLIFFORD,H.F 1969 DAVIES,R.W

1973

BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE CLEMENS,W.A, ET AL 1939 SCUD-
DER,G.G.E, MANN 1968 DAVIES,R.W 1973

NORTHWEST TERRITORIES/TERRITOIRES DU NORD-OUEST RAWSON,D.S 1953B
MOORE,J.E 1964

YUKON TERRITORY/TERRITOIRE DU YUKON KEITH,M M 1955

ALASKA MOORE,J.P 1898 MOORE,J.P, MEYER 1951

BEHAVIOUR/COMPORTEMENT

DISTRIBUTION/REPARTITION

SAY,T 1825 LEIDY,J 1868 SMITH,S I 1874C VERRILL,E 1874D BLANCHARD,R
1876 MOORE,J.P 1898 HUNTSMAN,A.G 1913 RYERSON,C.G.S 1915 MOORE,J.P 1922,
ADAMSTONE,F.B, HARKNESS 1923 ADAMSTONE,F B 1924 MOORE,J.P 1924 BERER
1929 RAWSON,D.S 1930 RICKER,W.E 1934A MOORE,J.P 1936 MEYER,M.C 1937
CLEMENS,W.A, ET AL 1939 RICHARDSON,L.R 1942, 1943 RAWSON,D.S, MOORE 1944
PAWLOWSKILL,K 1948 MOORE,J.P, MEYER 1951 RAWSON,D.S 1953B MEYER,M.C,
MOORE 1954 KEITH,M M 1955 OLIVER,D.R 1958 MOORE,J.E 1964, 1966A SCUD-
DER,G.G.E, MANN 1968 CLIFFORD,H.F 1969 PATERSON,C.G, FERNANDO 1969B
GATES,G.E, MOORE 1970 DAVIES,R.W 1973 MCCLUNG,R.P 1974(MS) LEBLANC,J.M,
MCCLUNG 1977(MS) DAVIES,R.W 1979 VINCENT,B, VAILLANCOURT 1980

ECOLOGY/ECOLOGIE

MOORE,J.P 1924 RAWSON,D.S 1930 RICKER,W.E 1934A RICHARDSON,L.R 1942 RAW-
SON,D.S, MOORE 1944, PAWLOWSKILL,K 1948 MOORE,J.E 1966A SCUDDER,G.G.E,
MANN 1968 MCCLUNG,R.P 1974(MS) VINCENT,B, VAILLANCOURT 1980

LIFE HISTORY/CYCLE EVOLUTIF

MOORE,J.E 1966A

PERCYMOORENSIS MARMORATIS (SAY 1824) - Cont'd.

MORPHOLOGY/MORPHOLOGIE

SAY, T. 1825 LEIDY, J. 1868 VERRILLA, E. 1874D BLANCHARD, R. 1896 MOORE, J. P.
1898 RYERSON, C. G. S. 1915 MOORE, J. P. 1922, 1924 BERER, R. 1929 MOORE, J. P. 1936
PAWLOWSKI, L. K. 1948 MOORE, J. P., MEYER, 1951 MOORE, J. P. 1964

PATHOLOGY/PATHOLOGIE

MEYER, M. C., MOORE, 1954 MOORE, J. E. 1964

TAXONOMY/TAXINOMIE

SAY, T. 1825 LEIDY, J. 1868 VERRILLA, E. 1874D BLANCHARD, R. 1896 MOORE, J. P.
1898 RYERSON, C. G. S. 1915 MOORE, J. P. 1922 BERER, R. 1929 PAWLOWSKI, L. K. 1948
MOORE, J. P., MEYER, 1951 KEITH, M. M. 1955 DAVIES, R. W. 1973

TECHNIQUES/METHODOLOGIES

MCCLEUNG, R. P. 1974(MS)

PERCYMOORENSIS TERRESTRIS (FORBES 1890)

NAMES APPLIED/NOMS EMPLOYES

HIRSH, D. L. & R. V. L. S. SAY 1824

SAY, T. 1825

PERCYMOORENSIS LATERALIS (SAY 1824)

DAVIES, R. W. 1973

FRESHWATER BENTHIC

REGIONS

ONTARIO SAY, T. 1825 DAVIES, R. W. 1973

DISTRIBUTION/REPARTITION

SAY, T. 1825 DAVIES, R. W. 1973

MORPHOLOGY/MORPHOLOGIE

SAY, T. 1825

TAXONOMY/TAXINOMIE

SAY, T. 1825 DAVIES, R. W. 1973

HIRUDINIDAE GENUS INCERTUM

HAEMOPIS SP

NAMES APPLIED/NOMS EMPLOYES

HAEMOPIS SP. AS HAEMOPIS SP.

ELSON, P. F. 1940(MS)

FRESHWATER BENTHIC

REGIONS

NOVA SCOTIA, NOUVELLE-ECOSSE ELSON, P. F. 1940(MS)

DISTRIBUTION/REPARTITION

ELSON, P. F. 1940(MS)

ECOLOGY/ECOLOGIE

ELSON, P. F. 1940(MS)

PISCICOLIDAE

BERINGOBDELLA RECTANGULATA (LEVINSEN 1862)

NAMES APPLIED/NOMS EMPLOYES

PISCICOLA RECTANGULATA LEVINSEN 1862

MOORE, J. P. 1898 MOORE, J. P., MEYER 1951

MARINE ECTOPARASITIC

REGIONS

PACIFIC/PACIFIQUE MOORE, J. P. 1898 MOORE, J. P., MEYER 1951

DISTRIBUTION/REPARTITION

MOORE, J. P. 1898 MOORE, J. P., MEYER 1951

ECOLOGY/ECOLOGIE

MOORE, J. P. 1898 MOORE, J. P., MEYER 1951

LIFE HISTORY/CYCLE EVOLUTIF

MOORE, J. P., MEYER 1951

MORPHOLOGY/MORPHOLOGIE

MOORE, J. P., MEYER 1951

TAXONOMY/TAXINOMIE

MOORE, J. P. 1898 MOORE, J. P., MEYER 1951

CALLIOBDELLA NODULIFERA (MALM 1863)

NAMES APPLIED/NOMS EMPLOYES

CALLIOBDELLA NODULIFERA (MALM 1863)
THRELFALL, W. 1969 MEYER, M. C. KHAN 1979 KHAN, R. A. ET AL. 1980 APPY, R. G., DADSWELL 1981

MARINE ECTOPARASITIC

REGIONS

ATLANTIC ATLANTIQUE THRELFALL, W. 1969 MEYER, M. C. KHAN 1979 KHAN, R. A., ET AL. 1980 APPY, R. G., DADSWELL 1981

DISTRIBUTION/REPARTITION

THRELFALL, W. 1969 MEYER, M. C. KHAN 1979 KHAN, R. A. ET AL. 1980 APPY, R. G. DADSWELL 1981

ECOLOGY/ECOLOGIE

THRELFALL, W. 1969 MEYER, M. C. KHAN 1979 KHAN, R. A., ET AL. 1980

MORPHOLOGY/MORPHOLOGIE

MEYER, M. C. KHAN 1979

PATHOLOGY/PATHOLOGIE

KHAN, R. A. ET AL. 1980

TAXONOMY/TAXINOMIE

APPY, R. G., DADSWELL 1981

CALLIOBDELLA VIVIDA (VERRILL 1872)

NAMES APPLIED/NOMS EMPLOYES

CALLIOBDELLA VIVIDA (VERRILL 1872)

APPY, R. G., DADSWELL 1981

MARINE ECTOPARASITIC

REGIONS

ATLANTIC/ATLANTIQUE APPY, R. G. DADSWELL 1981

DISTRIBUTION/REPARTITION

APPY, R. G., DADSWELL 1981

ECOLOGY/ECOLOGIE

APPY, R. G., DADSWELL 1981

LIFE HISTORY/CYCLE EVOLUTIF

APPY, R. G., DADSWELL 1981

MORPHOLOGY/MORPHOLOGIE

APPY, R. G., DADSWELL 1981

TAXONOMY/TAXINOMIE

APPY, R. G., DADSWELL 1981

CRANGONOBDELLA MURMANICA SELENSKY 1914

NAMES APPLIED/NOMS EMPLOYES

CRANGONOBDELLA MURMANICA SELENSKY 1914

MCCINNITIE, G. E. 1955 MEYER, M. C. BARDEN 1955

MARINE ECTOPARASITIC

REGIONS

ARCTIC/ARCTIQUE MCCINNITIE, G. E. 1955 MEYER, M. C. BARDEN 1955

DISTRIBUTION/REPARTITION

MCCINNITIE, G. E. 1955 MEYER, M. C. BARDEN 1955

ECOLOGY/ECOLOGIE

MCCINNITIE, G. E. 1955 MEYER, M. C. BARDEN 1955

LIFE HISTORY/CYCLE EVOLUTIF

MCCINNITIE, G. E. 1955 MEYER, M. C. BARDEN 1955

CYSTOBANCHUS MAMMILLATUS (MALM 1863)

NAMES APPLIED/NOMS EMPLOYES

CYSTOBANCHUS MAMMILLATUS (MALM 1863)

MEYER, M. C., ROBERTS 1977

FRESHWATER ECTOPARASITIC

REGIONS

NORTHWEST TERRITORIES/TERRITOIRES DU NORD-OUEST MEYER, M. C., ROBERTS 1977

DISTRIBUTION/REPARTITION

MEYER, M. C., ROBERTS 1977

ECOLOGY/ECOLOGIE

MEYER, M. C., ROBERTS 1977

LIFE HISTORY/CYCLE EVOLUTIF

MEYER, M. C., ROBERTS 1977

20 PISCICOLIDAE

CYSTOBRANCHUS MAMMILLATUS (MALM 1863) - Cont'd

MORPHOLOGY/MORPHOLOGIE
MEYER.M.C., ROBERTS 1977
TAXONOMY/TAXINOMIE
MEYER.M.C., ROBERTS 1977

CYSTOBRANCHUS MEYERI HAYUNGA & GREY 1976

NAMES APPLIED/NOMS EMPLOYES
CYSTOBRANCHUS MEYERI HAYUNGA & GREY 1976
KLEMM.D.J. 1982

FRESHWATER ECTOPARASITIC
REGIONS
ONTARIO KLEMM.D.J. 1982
DISTRIBUTION/REPARTITION
KLEMM.D.J. 1982
ECOLOGY/ECOLOGIE
KLEMM.D.J. 1982
MORPHOLOGY/MORPHOLOGIE
KLEMM.D.J. 1982
TAXONOMY/TAXINOMIE
KLEMM.D.J. 1982

CYSTOBRANCHUS VERRILLI MEYER 1940

NAMES APPLIED/NOMS EMPLOYES
CYSTOBRANCHUS VERRILLI MEYER 1940
MEYER.M.C., MOORE 1954 LEONG.T.S., HOLMES 1981

FRESHWATER ECTOPARASITIC
REGIONS
ONTARIO MEYER.M.C., MOORE 1954
ALBERTA LEONG.T.S., HOLMES 1981
DISTRIBUTION/REPARTITION
MEYER.M.C., MOORE 1954 LEONG.T.S., HOLMES 1981
ECOLOGY/ECOLOGIE
MEYER.M.C., MOORE 1954 LEONG.T.S., HOLMES 1981

CYSTOBRANCHUS SP

NAMES APPLIED/NOMS EMPLOYES
CYSTOBRANCHUS SP
RAWSON.D.S., MOORE 1944 OLIVER.D.R. 1958

FRESHWATER ECTOPARASITIC
REGIONS
SASKATCHEWAN RAWSON.D.S., MOORE 1944 OLIVER.D.R. 1958
DISTRIBUTION/REPARTITION
RAWSON.D.S., MOORE 1944 OLIVER.D.R. 1958

ILLINOBELLA ALBA MEYER 1940

NAMES APPLIED/NOMS EMPLOYES
ILLINOBELLA ALBA MEYER 1940
MEYER.M.C., MOORE 1954 BANGHAM.R.V. 1955

FRESHWATER ECTOPARASITIC
REGIONS
ONTARIO MEYER.M.C., MOORE 1954 BANGHAM.R.V. 1955
DISTRIBUTION/REPARTITION
MEYER.M.C., MOORE 1954 BANGHAM.R.V. 1955
ECOLOGY/ECOLOGIE
MEYER.M.C., MOORE 1954 BANGHAM.R.V. 1955

ILLINOBELLA ELONGATA MEYER 1940

NAMES APPLIED/NOMS EMPLOYES
ILLINOBELLA ELONGATA MEYER 1940
MEYER.M.C., MOORE 1954

FRESHWATER ECTOPARASITIC
REGIONS
ONTARIO MEYER.M.C., MOORE 1954
DISTRIBUTION/REPARTITION
MEYER.M.C., MOORE 1954
ECOLOGY/ECOLOGIE
MEYER.M.C., MOORE 1954

ILLINOBELLA SP.

NAMES APPLIED/NOMS EMPLOYES
ILLINOBELLA SP
BANGHAM.R.V. 1941 BANGHAM.R.V., VENARD 1946 WORLEY.D.E., BANGHAM 1952
BANGHAM.R.V., ADAMS 1954 BANGHAM.R.V. 1955 TEDLAS., FERNANDO 1970
BANGHAM.R.V. 1972 DECHTIARA.O. 1972A

FRESHWATER ECTOPARASITIC
REGIONS
QUEBEC WORLEY.D.E., BANGHAM 1952
ONTARIO BANGHAM.R.V. 1941 BANGHAM.R.V., VENARD 1946 BANGHAM.R.V. 1955
TEDLAS., FERNANDO 1970 BANGHAM.R.V. 1972 DECHTIARA.O. 1972A
BRITISH COLUMBIA/COLUMBIE-BRITANNIQUE BANGHAM.R.V., ADAMS 1954
DISTRIBUTION/REPARTITION
BANGHAM.R.V. 1941 BANGHAM.R.V., VENARD 1946 WORLEY.D.E., BANGHAM 1952
BANGHAM.R.V., ADAMS 1954 BANGHAM.R.V. 1955 TEDLAS., FERNANDO 1970
BANGHAM.R.V. 1972 DECHTIARA.O. 1972A
ECOLOGY/ECOLOGIE
BANGHAM.R.V. 1941 BANGHAM.R.V., VENARD 1946 WORLEY.D.E., BANGHAM 1952
BANGHAM.R.V., ADAMS 1954 BANGHAM.R.V. 1955 TEDLAS., FERNANDO 1970
BANGHAM.R.V. 1972 DECHTIARA.O. 1972A

JOHANSSONIA ARCTICA (JOHANSSON 1898)

NAMES APPLIED/NOMS EMPLOYES
JOHANSSONIA ARCTICA (JOHANSSON 1898)
MEYER.M.C., KHAN 1979 KHAN.R.A. 1980 KHAN.R.A., ET AL 1980 APPY.R.G., DADSWELL 1981 KHAN.R.A., EMERSON 1981 KHAN.R.A. 1982
OXYTONOSTOMA ARCTICA JOHANSSON 1898
MOORE.J.P., MEYER 1951

MARINE ECTOPARASITIC
REGIONS
ATLANTIC/ATLANTIQUE MEYER.M.C., KHAN 1979 KHAN.R.A. 1980 KHAN.R.A., ET AL 1980 APPY.R.G., DADSWELL 1981 KHAN.R.A., EMERSON 1981 KHAN.R.A. 1982
PACIFIC/PACIFIQUE MOORE.J.P., MEYER 1951
BEHAVIOUR/COMPORTEMENT
KHAN.R.A. 1982
DISTRIBUTION/REPARTITION
MOORE.J.P., MEYER 1951 MEYER.M.C., KHAN 1979 KHAN.R.A. 1980 KHAN.R.A., ET AL 1980 APPY.R.G., DADSWELL 1981 KHAN.R.A. 1982
ECOLOGY/ECOLOGIE
MOORE.J.P., MEYER 1951 MEYER.M.C., KHAN 1979 KHAN.R.A. 1980 KHAN.R.A., ET AL 1980 KHAN.R.A. 1982
LIFE HISTORY/CYCLE EVOLUTIF
KHAN.R.A. 1982
MORPHOLOGY/MORPHOLOGIE
MOORE.J.P., MEYER 1951 MEYER.M.C., KHAN 1979 APPY.R.G., DADSWELL 1981
KHAN.R.A., EMERSON 1981
PATHOLOGY/PATHOLOGIE
KHAN.R.A., ET AL 1980
PHYSIOLOGY/PHYSIOLOGIE
KHAN.R.A. 1982
TAXONOMY/TAXINOMIE
MOORE.J.P., MEYER 1951 MEYER.M.C., KHAN 1979 APPY.R.G., DADSWELL 1981
TECHNIQUES/METHODOLOGIES
KHAN.R.A., EMERSON 1981

JOHANSSONIA SP.

NAMES APPLIED/NOMS EMPLOYES

JOHANSSONIA SP
KHAN R.A. 1977A, 1977B, 1978 AUSTIN,W.C., ET AL 1982(MS)

MARINE ECTOPARASITIC

REGIONS

ATLANTIC/ATLANTIQUE KHAN R.A. 1977A, 1977B, 1978
PACIFIC/PACIFIQUE AUSTIN,W.C., ET AL 1982(MS)

DISTRIBUTION/REPARTITION

KHAN R.A. 1977A AUSTIN W.C., ET AL 1982(MS)

ECOLOGY/ÉCOLOGIE

KHAN R.A. 1977A, 1977B, 1978 AUSTIN,W.C., ET AL 1982(MS)

LIFE HISTORY/CYCLE ÉVOLUTIF

KHAN R.A. 1977A AUSTIN,W.C., ET AL 1982(MS)

MALMIANA BRUNNEA (JOHANSSON 1896)

NAMES APPLIED NOMS EMPLOYES

MALMIANA BRUNNEA (JOHANSSON 1896)
KHAN R.A., COWAN 1976 KHAN R.A., MEYER 1976 KHAN R.A., ET AL 1980 APPY,R.G.,
DADSWELL 1981 KHAN R.A., EMERSON 1981
MALMIANA NUDA RICHARDSON 1970
RICHARDSON,L.R. 1970 MACE,T.F., DAVIS 1972 SAWYER,R.T., ET AL 1975

MARINE ECTOPARASITIC

REGIONS

ATLANTIC/ATLANTIQUE RICHARDSON L.R. 1970 MACE,T.F., DAVIS 1972 SAWYER R.T.
ET AL 1975 KHAN R.A., COWAN 1976 KHAN R.A., MEYER 1976 KHAN R.A., ET AL
1980 APPY,R.G., DADSWELL 1981 KHAN R.A., EMERSON 1981

BIBLIOGRAPHY BIBLIOGRAPHIE

RICHARDSON,L.R. 1970

BIOCHEMISTRY/BIOCHIMIE

KHAN R.A., COWAN 1976

DISTRIBUTION/REPARTITION

RICHARDSON,L.R. 1970 SAWYER,R.T., ET AL 1975 KHAN R.A., COWAN 1976 KHAN R.A.
MEYER 1976 KHAN R.A., ET AL 1980 APPY,R.G., DADSWELL 1981

ECOLOGY/ÉCOLOGIE

RICHARDSON,L.R. 1970 MACE,T.F., DAVIS 1972 SAWYER,R.T., ET AL 1975 KHAN R.A.,
COWAN 1976 KHAN R.A., MEYER 1976 KHAN R.A., ET AL 1980 APPY,R.G., DADSWELL
1981

LIFE HISTORY /CYCLE ÉVOLUTIF

MACE,T.F., DAVIS 1972 SAWYER,R.T., ET AL 1975 KHAN R.A., MEYER 1976

MORPHOLOGY/MORPHOLOGIE

RICHARDSON,L.R. 1970 SAWYER,R.T., ET AL 1975 KHAN R.A., MEYER 1976 APPY,R.G.,
DADSWELL 1981 KHAN R.A., EMERSON 1981

PATHOLOGY/PATHOLOGIE

KHAN R.A., ET AL 1980

PHYSIOLOGY/PHYSIOLOGIE

MACE,T.F., DAVIS 1972

TAXONOMY/TAXINOMIE

RICHARDSON,L.R. 1970 SAWYER,R.T., ET AL 1975 KHAN R.A., MEYER 1976 APPY,R.G.,
DADSWELL 1981

TECHNIQUES/METHODOLOGIES

KHAN R.A., COWAN 1976 KHAN R.A., EMERSON 1981

MALMIANA DIMINUTA BURRESON 1977

NAMES APPLIED/NOMS EMPLOYES

MALMIANA DIMINUTA BURRESON 1977
BURRESON E.M. 1977

MARINE ECTOPARASITIC

REGIONS

PACIFIC/PACIFIQUE BURRESON,E.M. 1977

DISTRIBUTION/REPARTITION

BURRESON,E.M. 1977

ECOLOGY/ÉCOLOGIE

BURRESON,E.M. 1977

TAXONOMY/TAXINOMIE

BURRESON,E.M. 1977

MALMIANA SCORPII (MALM 1865)

NAMES APPLIED/NOMS EMPLOYES

ABRANCHEUS SCORPII (MALM 1863)
MOORE,J.P. 1921
MALMIANA SCORPII (MALM 1863)
KHAN R.A., COWAN 1976 KHAN R.A., MEYER 1976 KHAN R.A., ET AL 1980 APPY,R.G.,
DADSWELL 1981 KHAN R.A., EMERSON 1981
OTTOBODELLA SCORPII (MALM 1863)
MOORE,J.P., MEYER 1951 SCHEFFER,V.B. 1959
PISCICOLA SCORPII (MALM 1863)
MOORE,J.P. 1898

MARINE ECTOPARASITIC

REGIONS

ATLANTIC/ATLANTIQUE KHAN R.A., COWAN 1976 KHAN R.A., MEYER 1976 KHAN R.A.,
ET AL 1980 APPY,R.G., DADSWELL 1981 KHAN R.A., EMERSON 1981

ARCTIC/ARCTIQUE MOORE,J.P. 1921

PACIFIC/PACIFIQUE MOORE,J.P. 1898 MOORE,J.P., MEYER 1951 SCHEFFER,V.B. 1959

BIOCHEMISTRY/BIOCHIMIE

KHAN R.A., COWAN 1976

DISTRIBUTION/REPARTITION

MOORE,J.P. 1898, 1921 MOORE,J.P., MEYER 1951 SCHEFFER,V.B. 1959 KHAN R.A., CO-
WAN 1976 KHAN R.A., MEYER 1976 KHAN R.A., ET AL 1980 APPY,R.G., DADSWELL
1981

ECOLOGY/ÉCOLOGIE

MOORE,J.P. 1898, 1921 MOORE,J.P., MEYER 1951 SCHEFFER,V.B. 1959 KHAN R.A., CO-
WAN 1976 KHAN R.A., MEYER 1976 KHAN R.A., ET AL 1980 APPY,R.G., DADSWELL
1981

LIFE HISTORY /CYCLE ÉVOLUTIF

KHAN R.A., MEYER 1976

MORPHOLOGY/MORPHOLOGIE

MOORE,J.P. 1921 MOORE,J.P., MEYER 1951 SCHEFFER,V.B. 1959 KHAN R.A., MEYER
1976 APPY,R.G., DADSWELL 1981 KHAN R.A., EMERSON 1981

PATHOLOGY/PATHOLOGIE

KHAN R.A., ET AL 1980

TAXONOMY/TAXINOMIE

MOORE,J.P. 1898 MOORE,J.P., MEYER 1951 KHAN R.A., MEYER 1976 APPY,R.G., DAD-
SWELL 1981

TECHNIQUES/METHODOLOGIES

KHAN R.A., COWAN 1976 KHAN R.A., EMERSON 1981

MYSIDOBDELLA BOREALIS (JOHANSSON 1898)

NAMES APPLIED/NOMS EMPLOYES

MYSIDOBDELLA BOREALIS (JOHANSSON 1898)
BURRESON,E.M., ALLEN 1978 APPY,R.G., DADSWELL 1981

MARINE ECTOPARASITIC

REGIONS

ATLANTIC/ATLANTIQUE BURRESON,E.M., ALLEN 1978 APPY,R.G., DADSWELL 1981

DISTRIBUTION/REPARTITION

BURRESON,E.M., ALLEN 1978 APPY,R.G., DADSWELL 1981

ECOLOGY/ÉCOLOGIE

BURRESON,E.M., ALLEN 1978 APPY,R.G., DADSWELL 1981

LIFE HISTORY /CYCLE ÉVOLUTIF

BURRESON,E.M., ALLEN 1978 APPY,R.G., DADSWELL 1981

MORPHOLOGY/MORPHOLOGIE

BURRESON,E.M., ALLEN 1978 APPY,R.G., DADSWELL 1981

TAXONOMY/TAXINOMIE

BURRESON,E.M., ALLEN 1978 APPY,R.G., DADSWELL 1981

TECHNIQUES/METHODOLOGIES

BURRESON,E.M., ALLEN 1978

MYSIDOBDELLA LUGUBRIS LEIDY 1851

NAMES APPLIED/NOMS EMPLOYES

ILLINOBEDELLA MOOREI MEYER 1940
RAWSON,D.S., MOORE 1944 MEYER,M.C. 1946 BANGHAM,R.V. 1955 OLIVER,D.R. 1958
MOORE,JE 1946 BANGHAM,R.V. 1972 DECHTIAR,O 1972A
MYSIDOBDELLA LUGUBRIS LEIDY 1851
APPY,R.G., DADSWELL 1981
MYSIDOBDELLA MOOREI (MEYER 1940)
MEYER,M.C., MOORE 1954 REED,E.B. 1962B DAVIES,R.W. 1973

22 PISCICOLIDAE**MYZOBDELLA LUGUBRIS LEIDY 1851 - Cont'd.****MARINE & FRESHWATER ECTOPARASITIC****REGIONS**

ATLANTIC/ATLANTIQUE APPY,R.G., DADSWELL 1981
 ONTARIO MEYER,M.C. 1946 MEYER,M.C., MOORE 1954. BANGHAM,R.V. 1955, 1972. DE-
 CHTIARA,O. 1972A

MANITOBA DAVIES,R.W. 1973
 WASKATOHEWAN RAWSON,D.S., MOORE 1944 MEYER,M.C. 1946 OLIVER,D.R. 1958
 REEDE,B. 1962B

ALBERTA MOORE,J.E. 1964 DAVIES,R.W. 1973

DISTRIBUTION/REPARTITION

RAWSON,D.S., MOORE 1944 MEYER,M.C. 1946 MEYER,M.C., MOORE 1954
 BANGHAM,R.V. 1955 OLIVER,D.R. 1958 REEDE,B. 1962B MOORE,J.E. 1964
 BANGHAM,R.V. 1972 DECHTIARA,O. 1972A. DAVIES,R.W. 1973 APPY,R.G., DADSWELL
 1981

ECOLOGY/ECOLOGIE

MEYER,M.C. 1946 MEYER,M.C., MOORE 1954 BANGHAM,R.V. 1955 REEDE,B. 1962B
 MOORE,J.E. 1964 BANGHAM,R.V. 1972 DECHTIARA,O. 1972A. APPY,R.G., DADSWELL
 1981

TAXONOMY/TAXINOMIE

MEYER,M.C. 1946 DAVIES,R.W. 1973 APPY,R.G., DADSWELL 1981

NOTOSTOMUM CYCLOSTOMUM (JOHANSSON 1898)**NAMES APPLIED/NOMS EMPLOYES**

NOTOSTOMOBDELLA CYCLOSTOMA JOHANSSON 1898
 MOORE,J.P., MEYER 1951

MARINE ECTOPARASITIC**REGIONS**

PACIFIC/PACIFIQUE MOORE,J.P., MEYER 1951

DISTRIBUTION/REPARTITION

MOORE,J.P., MEYER 1951

ECOLOGY/ECOLOGIE

MOORE,J.P., MEYER 1951

LIFE HISTORY/CYCLE EVOLUTIF

MOORE,J.P., MEYER 1951

MORPHOLOGY/MORPHOLOGIE

MOORE,J.P., MEYER 1951

TAXONOMY/TAXINOMIE

MOORE,J.P., MEYER 1951

OCEANOBDDELLA MICROSTOMA (JOHANSSON 1896)**NAMES APPLIED/NOMS EMPLOYES**

OCEANOBDDELLA MICROSTOMA (JOHANSSON 1896)
 KHAN,R.A., COWAN 1976 KHAN,R.A., MEYER 1976 KHAN,R.A., ET AL 1980 APPY,R.G.,
 DADSWELL 1981

MARINE ECTOPARASITIC**REGIONS**

ATLANTIC/ATLANTIQUE KHAN,R.A., COWAN 1976 KHAN,R.A., MEYER 1976 KHAN,R.A.,
 ET AL 1980 APPY,R.G., DADSWELL 1981

BIOCHEMISTRY/BIOCHIMIE

KHAN,R.A., COWAN 1976

DISTRIBUTION/REPARTITION

KHAN,R.A., COWAN 1976 KHAN,R.A., MEYER 1976. KHAN,R.A., ET AL 1980 APPY,R.G.,
 DADSWELL 1981

ECOLOGY/ECOLOGIE

KHAN,R.A., COWAN 1976 KHAN,R.A., MEYER 1976. KHAN,R.A., ET AL 1980

LIFE HISTORY/CYCLE EVOLUTIF

KHAN,R.A., MEYER 1976

MORPHOLOGY/MORPHOLOGIE

KHAN,R.A., MEYER 1976

PATHOLOGY/PATHOLOGIE

KHAN,R.A., ET AL 1980

TAXONOMY/TAXINOMIE

KHAN,R.A., MEYER 1976 APPY,R.G., DADSWELL 1981

TECHNIQUES/METHODOLOGIES

KHAN,R.A., COWAN 1976

OCEANOBDDELLA SEXOCULATA (MALM 1863)**NAMES APPLIED/NOMS EMPLOYES****OCEANOBDDELLA SEXOCULATA (MALM 1863)**

KHAN,R.A., COWAN 1976 KHAN,R.A., MEYER 1976, 1978 KHAN,R.A., ET AL 1980
 APPY,R.G., DADSWELL 1981 KHAN,R.A., EMERSON 1981

PISCICOLA SEXOCULATA (MALM 1863)

MOORE,J.P. 1978

MARINE ECTOPARASITIC**REGIONS**

ATLANTIC/ATLANTIQUE KHAN,R.A., COWAN 1976 KHAN,R.A., MEYER 1976, 1978
 KHAN,R.A., ET AL 1980 APPY,R.G., DADSWELL 1981 KHAN,R.A., EMERSON 1981

PACIFIC/PACIFIQUE MOORE,J.P. 1898**BEHAVIOUR/COMPORTEMENT**

KHAN,R.A., MEYER 1976

BIOCHEMISTRY/BIOCHIMIE

KHAN,R.A., COWAN 1976

DISTRIBUTION/REPARTITION

MOORE,J.P. 1898 KHAN,R.A., COWAN 1976 KHAN,R.A., MEYER 1976 KHAN,R.A., ET AL
 1980 APPY,R.G., DADSWELL 1981

ECOLOGY/ECOLOGIE

MOORE,J.P. 1898 KHAN,R.A., COWAN 1976 KHAN,R.A., MEYER 1976 KHAN,R.A., ET AL
 1980 APPY,R.G., DADSWELL 1981

LIFE HISTORY/CYCLE EVOLUTIF

KHAN,R.A., MEYER 1976, 1978

MORPHOLOGY/MORPHOLOGIE

MOORE,J.P. 1898 KHAN,R.A., MEYER 1976 APPY,R.G., DADSWELL 1981 KHAN,R.A., EM-
 ERSON 1981

PATHOLOGY/PATHOLOGIE

KHAN,R.A., ET AL 1980

TAXONOMY/TAXINOMIE

MOORE,J.P. 1898 KHAN,R.A., COWAN 1976 KHAN,R.A., MEYER 1976. APPY,R.G., DAD-
 SWELL 1981

TECHNIQUES/METHODOLOGIES

KHAN,R.A., COWAN 1976 KHAN,R.A., EMERSON 1981

ORIENTOBDDELLA CONFLENCIA BURRESON 1977**NAMES APPLIED/NOMS EMPLOYES**

ORIENTOBDDELLA CONFLENCIA BURRESON 1977
 AUSTIN,W.C., ET AL 1982(MS)

MARINE ECTOPARASITIC**REGIONS**

PACIFIC/PACIFIQUE AUSTIN,W.C., ET AL 1982(MS)

DISTRIBUTION/REPARTITION

AUSTIN,W.C., ET AL 1982(MS)

OXYTONOSTOMA TYPICA MALM 1863**NAMES APPLIED/NOMS EMPLOYES**

OXYTONOSTOMA TYPICA MALM 1863
 MOORE,J.P. 1921. SAWYER,R.T., ET AL 1975. APPY,R.G., DADSWELL 1981

MARINE ECTOPARASITIC**REGIONS**

ATLANTIC/ATLANTIQUE SAWYER,R.T., ET AL 1975. APPY,R.G., DADSWELL 1981
 ARCTIC/ARCTIQUE MOORE,J.P. 1921

BEHAVIOUR/COMPORTEMENT

APPY,R.G., DADSWELL 1981

DISTRIBUTION/REPARTITION

MOORE,J.P. 1921. SAWYER,R.T., ET AL 1975. APPY,R.G., DADSWELL 1981

ECOLOGY/ECOLOGIE

MOORE,J.P. 1921. SAWYER,R.T., ET AL 1975. APPY,R.G., DADSWELL 1981

MORPHOLOGY/MORPHOLOGIE

MOORE,J.P. 1921. SAWYER,R.T., ET AL 1975. APPY,R.G., DADSWELL 1981

TAXONOMY/TAXINOMIE

SAWYER,R.T., ET AL 1975. APPY,R.G., DADSWELL 1981

PISCICOLA GEOMETRA (LINNAEUS 1758)

NAMES APPLIED/NOMS EMPLOYES

- PISCICOLA GEOMETRA (LINNAEUS 1758)
 RAWSON,D.S 1957A, 1957B OLIVER,D.R 1958 DAVIES,R.W 1973. HOLMQUIST,C 1975
 FREITAG,R. ET AL 1976. KLEMM,D.J 1982
 PISCICOLA GEOMETRA (LINNAEUS 1758) AS PISCICOLA GEOMETRA
 DADSWELL,M.J 1974A

FRESHWATER ECTOPARASITIC

REGIONS

- QUEBEC DAVIES,R.W 1973 DADSWELL,M.J 1974A
 ONTARIO DAVIES,R.W 1973 DADSWELL,M.J 1974A FREITAG,R. ET AL 1976
 SASKATCHEWAN RAWSON,D.S 1957A, 1957B OLIVER,D.R 1958
 NORTHWEST TERRITORIES/TERRITOIRES DU NORD-OUEST HOLMQUIST,C 1975
 YUKON TERRITORY/TERRITOIRE DU YUKON KLEMM,D.J 1982

ALASKA HOLMQUIST,C 1975

DISTRIBUTION/REPARTITION

- RAWSON,D.S 1957A, 1957B OLIVER,D.R 1958 DAVIES,R.W 1973 DADSWELL,M.J
 1974A HOLMQUIST,C 1975 FREITAG,R. ET AL 1976 KLEMM,D.J 1982

ECOLOGY/ÉCOLOGIE

- RAWSON,D.S 1957A, 1957B HOLMQUIST,C 1975 KLEMM,D.J 1982

MORPHOLOGY/MORPHOLOGIE

- HOLMQUIST,C 1975 KLEMM,D.J 1982

TAXONOMY/TAXINOMIE

- DAVIES,R.W 1973 HOLMQUIST,C 1975 KLEMM,D.J 1982

PISCICOLA MILNERI (VERRILL 1874)

NAMES APPLIED/NOMS EMPLOYES

- ICHTHYOBDELLA MILNERI VERRILL 1874
 VERRILL,A.E 1874D

PISCICOLA MILNERI (VERRILL 1874)

- HUNTSMAN,A.G 1913 RYERSON,C.G.S 1915 ADAMSTONE,F.B. HARKNESS 1923. ADAM-
 STONE,F.B 1924 MOORE,J.P 1924 MEYER,M.C 1946 MILLER,R.B. KENNEDY 1948
 MOORE,J.P. MEYER 1951 RAWSON,D.S 1953B MEYER,M.C. MOORE 1954 OLIVER,D.R
 1958 MOORE,J.P. 1964 THOMAS,M.L.H 1965A(MS) DAVIES,R.W 1973 ARTHUR,J.R. ET
 AL 1976 WATSON,R.A. DICK 1979 BASCH,R.E. ET AL 1980 WATSON,R.A. DICK 1980
 KLEMM,D.J 1982

FRESHWATER ECTOPARASITIC

REGIONS

- QUEBEC MEYER,M.C. MOORE 1954
 ONTARIO VERRILL,A.E 1874D HUNTSMAN,A.G 1913 RYERSON,C.G.S. 1915. ADAM-
 STONE,F.B., HARKNESS 1923. ADAMSTONE,F.B 1924 MOORE,J.P 1924 MEYER,M.C
 1946 MEYER,M.C. MOORE 1954 THOMAS,M.L.H 1965A(MS). BASCH,R.E. ET AL 1980
 MANITOBA WATSON,R.A. DICK 1979. 1980
 SASKATCHEWAN OLIVER,D.R 1958
 ALBERTA MOORE,J.P. 1964. DAVIES,R.W 1973
 BRITISH COLUMBIA/COLOMBIE-BRITANNIQUE DAVIES,R.W 1973
 NORTHWEST TERRITORIES/TERRITOIRES DU NORD-OUEST MILLER,R.B. KENNEDY 1948
 MOORE,J.P. MEYER 1951 RAWSON,D.S. 1953B
 YUKON TERRITORY/TERRITOIRE DU YUKON DAVIES,R.W 1973 ARTHUR,J.R., ET AL
 1976

ALASKA KLEMM,D.J 1982

DISTRIBUTION/REPARTITION

- VERRILL,A.E 1874D HUNTSMAN,A.G 1913. ADAMSTONE,F.B. HARKNESS 1923. ADAM-
 STONE,F.B 1924. MOORE,J.P 1924. MEYER,M.C 1946. MILLER,R.B. KENNEDY 1948
 MOORE,J.P. MEYER 1951 RAWSON,D.S 1953B MEYER,M.C. MOORE 1954 OLIVER,D.R
 1958 MOORE,J.P. 1964 THOMAS,M.L.H 1965A(MS) DAVIES,R.W 1973 ARTHUR,J.R. ET
 AL 1976 WATSON,R.A. DICK 1979 BASCH,R.E. ET AL 1980. WATSON,R.A. DICK 1980
 KLEMM,D.J 1982

ECOLOGY/ÉCOLOGIE

- MOORE,J.P 1924 MEYER,M.C 1946 MILLER,R.B. KENNEDY 1948 MEYER,M.C. MOORE
 1954 MOORE,J.P 1964 ARTHUR,J.R. ET AL 1976 WATSON,R.A. DICK 1979

BASCH,R.E. ET AL 1980 WATSON,R.A. DICK 1980 KLEMM,D.J 1982

MORPHOLOGY/MORPHOLOGIE

- VERRILL,A.E 1874D RYERSON,C.G.S 1915. MOORE,J.P. MEYER 1951 KLEMM,D.J
 1982

TAXONOMY/TAXINOMIE

- VERRILL,A.E 1874D RYERSON,C.G.S 1915. MEYER,M.C 1946 MOORE,J.P. MEYER
 1951 DAVIES,R.W 1973 KLEMM,D.J 1982

PISCICOLA PUNCTATA (VERRILL 1871)

NAMES APPLIED/NOMS EMPLOYES

- ICHTHYOBDELLA PUNCTATA VERRILL 1871
 SMITHS,I. VERRILL 1871 SMITHS,I 1871B MILNER,J.W 1874
 PISCICOLA PUNCTATA (VERRILL 1871)
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NAMES APPLIED/NOMS EMPLOYES

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NAMES APPLIED/NOMS EMPLOYES

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NAMES APPLIED/NOMS EMPLOYES

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PLATYBDELLA OLRIKI MALM 1865

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TAXONOMY/TAXINOMIE

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PLATYBDELLA QUADRIUCULATA MALM 1863

NAMES APPLIED/NOMS EMPLOYES

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SCHEFFER,V B 1959

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NAMES APPLIED/NOMS EMPLOYES

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MOORE,J P 1921

MORPHOLOGY/MORPHOLOGIE

MOORE,J P 1921

PONTOBDELLA SP

NAMES APPLIED/NOMS EMPLOYES

PONTOBDELLA SP
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TAXONOMY/TAXINOMIE

MOORE,J P, MEYER 1951

PISCICOLIDAE GENUS INCERTUM

⁶PISCICOLA ZEBRA MOORE 1898

NAMES APPLIED/NOMS EMPLOYÉS
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MOORE J.P. 1898

MARINE ECTOPARASITIC
REGIONS

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ECOLOGY ECOLOGIE
MOORE J.P. 1898

MORPHOLOGY MORPHOLOGIE
MOORE J.P. 1898

TAXONOMY TAXINOMIE
MOORE J.P. 1898

PISCICOLA SP

NAMES APPLIED/NOMS EMPLOYÉS
PISCICOLA SP

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ECOLOGY ECOLOGIE

SEKRAK A.D. ARAI 1977 MARIJAVE J.B., ELDERTON 1979

FAMILIA INCERTA, GENUS INCERTUM

HAEMOPIS SP

NAMES APPLIED/NOMS EMPLOYÉS

⁷HIRUDO SEMICARINATA BAIRD 1869
BAIRD W. 1869

FRESHWATER BENTHIC

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NORTHWEST TERRITORIES TERRITOIRES DU NORD-OUEST BAIRD W. 1869

DISTRIBUTION RÉPARTITION

BAIRD W. 1869

MORPHOLOGY MORPHOLOGIE

BAIRD W. 1869

TAXONOMY TAXINOMIE

BAIRD W. 1869

INCERTAE SEDIS

⁸PONTOBELLA LIVIDA PACKARD 1867

NAMES APPLIED/NOMS EMPLOYÉS

PONTOBELLA LIVIDA PACKARD 1867
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MARINE BENTHIC

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ATLANTIC ATLANTIQUE PACKARD A.S. 1867

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PACKARD A.S. 1867

MORPHOLOGY MORPHOLOGIE

PACKARD A.S. 1867

TAXONOMY TAXINOMIE

PACKARD A.S. 1867

ANNOTATIONS

Species	Recorded by/Signalée par	Remarks	Remarques
ERPOBDELLIDAE			
1. <i>Nepheleis</i> sp.	Nicholson, 1872	may be 2 genera: <i>Glossiphonia</i> and <i>Dina</i>	comprend peut-être 2 genres : <i>Glossiphonia</i> et <i>Dina</i>
GLOSSIPHONIIDAE			
2. <i>Batrachobdella paludosa</i>	Pawlowski, 1948	doubtful record, European species	observation douteuse, espèce européenne
3. <i>Theromyzon rude</i>	Davies & Wilkialis, 1981	location: Alberta (<i>pers. comm.</i> Davies)	lieu : Alberta (<i>comm. pers.</i> Davies)
HIRUDINIDAE			
4. <i>Hirudo medicinalis</i>	Kemp, 1882; Blanchard, 1896; Davies, 1973	no known resident population in North America	aucune population résidante connue en Amérique du Nord
PISCICOLIDAE			
5. <i>Malmiana diminuta</i>	Burreson, 1977	only known Canadian location: Vancouver Aquarium at Stanley Park	le seul lieu canadien connu : l'aquarium de Vancouver, au Parc Stanley
6. <i>Piscicola zebra</i>	Moore, 1898	genus incertum; marine record	genus incertum; observé en mer
7. <i>Piscicola</i> sp.	Sekerak & Arai, 1977; Marliave & Elderton, 1979	genus incertum; <i>Piscicola</i> is exclusively freshwater	genus incertum; <i>Piscicola</i> est exclusivement dulcaquicole
FAMILIA INCERTA, GENUS INCERTUM			
8. <i>Hirudo semicarinata</i>	Baird, 1869	description inadequate	description insuffisante
INCERTAE SEDIS			
9. <i>Pontobdella livida</i>	Packard, 1867	description inadequate; not a leech	description insuffisante; ce n'est pas une sangsue

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ATLANTIC
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ONTARIO (ST. LAWRENCE GREAT LAKES)
- BURRESON, E.M.** 1977 TWO NEW SPECIES OF MALMUNA (HIRUDINEA: PISCICOLIDAE) FROM GREEN COASTAL WATERS. J. PARASITOL. 63:130-136, 11 FIG.
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QUEBEC
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ALBERTA
- DAVIES, R.W., WILKIALIS, J.** 1980 THE POPULATION ECOLOGY OF THE LEECH (HIRUDINOIDEA: GLOSSIPHONIIDAE) THEROMYZON RUDE. CAN. J. ZOO. 58:913-916, 2 FIG.
ALBERTA
- DAVIES, R.W., WILKIALIS, J.** 1981 A PRELIMINARY INVESTIGATION ON THE EFFECTS OF PARASITISM OF DOMESTIC DUCKLINGS BY THEROMYZON RUDE (HIRUDINOIDEA: GLOSSIPHONIIDAE). CAN. J. ZOO. 59:1196-1199, 1 FIG.
ALBERTA
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- KHAN, R.A.** 1980 THE LEECH AS A VECTOR OF A FISH PROTOPLASM CAN J ZOO 58:1631-1637, 37 FIG.
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ATLANTIC
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