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AN UPDATED CHECKLIST
OF BEES OF SRI LANKA
WITH NEW RECORDS

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National Science Foundation
Sri Lanka
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SRI LANKA
FOREWORD

The National Man and the Biosphere (MAB) Committee is the National focal point for UNESCO’s Man and the Biosphere Programme. One of the activities of the MAB National Committee is collection and publication of the information related to biodiversity conservation, sustainable development and capacity building for the benefit of the nation. Hence, the text titled “An Updated Checklist of Bees of Sri Lanka with New Records” is the 23rd publication in the series.

Bees are of inestimable value as agents of cross-pollination and many plants are entirely dependent on particular kinds of bees for their reproduction. This text contains data on almost all the identified bee species arranged alphabetically by family, subfamily, genus and species.

I trust this publication would serve as a valuable reference guide to the scientists and others who are interested in this field. The NSF would welcome any additions, corrections and suggestions for improvement.

I acknowledge with gratitude the services of the National Committee on Man and the Biosphere and efforts of Ms Anusha Amarasinghe (Director-Scientific Affairs, Head/ILD, NSF) towards making this publication a reality.

Prof. Sirimali Fernando
Chairperson
National Science Foundation

December 2005
ABSTRACT

The updated checklist of bees of Sri Lanka is based on field collections made in 29 locations covering all the biogeographic regions in the island. The study resulted in the addition of 16 species and 5 genera of bees to the previous checklist resulting in a total bee fauna of 148 species in 38 genera and four families for Sri Lanka. A species of bees new to Science and a new genus of bees to Sri Lanka are reported. *Gnathonomia* Pauly n. gen. is included following the updating of the previously known genus *Nomia*. *Gnathonomia* in Sri Lanka is represented by two species. A description of the new species of bees *Lipotriches edirisinghei* Pauly n. sp. is included with a list of paratypes lodged in the Museum of the Department of Zoology, University of Peradeniya. Genus *Lipotriches* now includes 9 species in Sri Lanka. The new species of bees visit largely graminaceous flowers, especially in the early hours of the morning.
INTRODUCTION

Bees (Hymenoptera: Apoidea) undoubtedly are the most useful group of insects, being pollinators. There are over 16,000 described species of bees in the world with their highest diversity in temperate, xeric regions of the world (Michener, 2000). The very first checklist of bees of Sri Lanka (Wijesekara, 2001) puts together published details of 132 bee species collected during the British Colonial Period and thereafter by the Smithsonian – Sri Lanka Insect Survey. Four other species of bees from these collections have not been listed. A recent field study conducted by local scientists led to the identification of 16 bee species in five genera, previously unrecorded from Sri Lanka, including a species new to Science (Karunaratne, 2004).

The updated checklist includes 148 species of bees in 38 genera and four families, arranged according to the Family classification of Michener (2000). The checklist is arranged alphabetically by Family, Subfamily, Genus and Species. The source and the location in the country of the expert identified voucher specimens of the listed bee species are designated as KVK-ZMP (Karl V. Krombein collection in the Zoology Museum, Peradeniya), KVK-NMC (Karl V. Krombein collection in the National Museum, Colombo), IK-ZMP (first author’s collection lodged in the Zoology Museum, Peradeniya) and BMNH (British Museum of Natural History). Distribution localities of species collected during the field study are given in Fig.1.

Figure 1. Map of Sri Lanka showing the bee collection sites distributed in different agroecological regions of the country.
### Abbreviations for collection sites of bees

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Location Details</th>
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</thead>
<tbody>
<tr>
<td>ANG</td>
<td>Angunakolapelessa (6.10°N 80.54°E)</td>
</tr>
<tr>
<td>ANU</td>
<td>Anuradhapura (8.32°N 80.41°E)</td>
</tr>
<tr>
<td>BAD</td>
<td>Badulla (6.99°N 81.05°E)</td>
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<td>BAN</td>
<td>Bandarawela (6.50°N 80.59°E)</td>
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<tr>
<td>BOM</td>
<td>Bombuwela (6.35°N 80.01°E)</td>
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<td>CHL</td>
<td>Chillaw (7.34°N 79.47°E)</td>
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<td>DAM</td>
<td>Dambulla (7.85°N 80.65°E)</td>
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<td>GAL</td>
<td>Gallewela (7.45°N 80.34°E)</td>
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<tr>
<td>GAM</td>
<td>Gampaha (6.59°N 80.56°E)</td>
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<tr>
<td>GTL</td>
<td>Giritale (7.59°N 80.56°E)</td>
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<td>HAM</td>
<td>Hambantota (6.07°N 81.07°E)</td>
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<td>KAL</td>
<td>Kalutara (6.59°N 79.96°E)</td>
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<td>KNU</td>
<td>Knuckles (7.24°N 80.48°E)</td>
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<td>MAT</td>
<td>Matale (7.47°N 80.62°E)</td>
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<td>MIP</td>
<td>Mahawille (8.06°N 80.27°E)</td>
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<tr>
<td>NUE</td>
<td>Nuwara Eliya (6.58°N 80.46°E)</td>
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<td>PER</td>
<td>Peradeniya (7.29°N 80.63°E)</td>
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<td>PUT</td>
<td>Puttalam (8.04°N 79.82°E)</td>
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<td>RAN</td>
<td>Randenigala (7.18°N 80.86°E)</td>
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<td>RAT</td>
<td>Ratnapura (6.70°N 80.38°E)</td>
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<td>REK</td>
<td>Rekawa (6.03°N 80.51°E)</td>
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<td>SIG</td>
<td>Singharaja (6.23°N 80.25°E)</td>
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<tr>
<td>STE</td>
<td>Sita Eliya (6.56°N 80.48°E)</td>
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<tr>
<td>USG</td>
<td>Ussangoda (6.46°N 80.23°E)</td>
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<td>VAV</td>
<td>Vavunia (8.45°N 80.30°E)</td>
</tr>
<tr>
<td>WRP</td>
<td>Wariyapola (7.25°N 80.21°E)</td>
</tr>
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</table>
SYSTEMATIC LIST OF BEE GENERA AND SPECIES

FAMILY – COLLETIDAE
SUBFAMILY - HYLAEINAE

1. **HYLAEUS** Fabricius, 1793

   1. *Hylaeus krombeini* Snelling, 1980
      
      Source: Snelling 1980; Wijesekara, 2001; KVK-NMC

   2. *Hylaeus sedens* Snelling, 1980
      

FAMILY - HALICTIDAE
SUBFAMILY - HALICTINAE

2. **HALICTUS** Latreille, 1804

   3. *Halictus (Seladonia) lucidipennis* Smith, 1853
      
      Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP
      
      New localities: ANU, PUT, CHL, PER, DAM, WRP, KNU, ANG, USG

   4. *Homalictus singhalensis* (Blüthgen, 1926)
      
      Source: Wijesekara 2001; KVK-NMC, KVZ-ZMP, IK-ZMP
      
      New localities: NUE, STE

   5. *Homalictus paradnanus* (Strand, 1914)
      
      Source: KVK-NMC
4. **Lasioglossum** Curtis, 1833

6. *Lasioglossum (Ctenonomia) amblypygus* (Strand, 1913)
   Source: Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP
   New localities: ANU, WRP, KNU, ANG, USG, GTL

7. *Lasioglossum (Ctenonomia) cire* (Cameron, 1897)
   Source: Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP
   New localities: KAL, BOM

8. *Lasioglossum (Ctenonomia) clarum* (Nurse, 1902)
   Source: Wijesekara 2001; KVK-NMC, KVK-ZMP

9. *Lasioglossum (Ctenonomia) semisculptum* (Cockerell, 1911)
   Source: Wijesekara 2001

10. *Lasioglossum (Ctenonomia) vagans* (Smith, 1857)
    Source: Wijesekara 2001; KVK-ZMP, IK-ZMP
    New localities: PER

11. *Lasioglossum (Evylaeus) carinifrons* (Cameron, 1904)
    Voucher specimen deposited in the NMC and DMP, determined by Sakagami 1992
    Source: Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP
    New localities: NUE, STE, KNU, BAD

12. *Lasioglossum (Nesohalictus) halictoides* (Smith, 1859)
    Source: Wijesekara 2001; IK-ZMP
    New localities: PUT, CHL, HAM, REK

13. *Lasioglossum (Nesohalictus) serenum* (Cameron, 1897)
    Source: Wijesekara 2001; KVK-NMC, IK-ZMP
    New localities: PER, CHL
14. *Lasioglossum (Sudila) alphenum* (Cameron, 1897)  
Source: Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP  
New localities: NUE, STE, KNU, BAD

15. *Lasioglossum (Sudila) aulacophorum* (Strand, 1913)  
Source: Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP  
New localities: STE, KNU, BAD

16. *Lasioglossum (Sudila) bidentatum* (Cameron, 1898)  
Source: Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP  
New localities: NUE, KNU

17. *Lasioglossum (Sudila) kandiense* (Cockerell, 1913)  
Source: Wijesekara 2001; IK-ZMP  
New localities: SIG

5. **PACHYHALICTUS** Cockerell, 1929

18. *Pachyhalictus bedanus* (Blüthgen, 1926)  
Source: Wijesekara 2001

19. *Pachyhalictus kalutarae* (Cockerell, 1911)  
Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP  
New localities: PER, KNU

20. *Pachyhalictus sigiriellus* (Cockerell, 1911)  
Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP

Source: Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP  
New localities: RAN
6. **SPHECODES** Latreille, 1804

22. *Sphecodes biroi* Friese, 1909  
Source: *KVK-NMC, IK-ZMP*  
New localities: PER

23. *Sphecodes crassicornis* Smith, 1875  
Source: *KVK-NMC, IK-ZMP*  
New localities: ANU, RAN, ANG, GTL

24. *Sphecodes decorus* (Cameron, 1897)  
Source: *KVK-NMC*

SUBFAMILY - NOMIINAE

7. **AUSTRONOMIA** Michener, 1965

Source: Wijesekara 2001; *KVK-NMC, KVK-ZMP, IK-ZMP*  
New localities: PER, ANG, RAN, WRP, PUT, SIG, MIP, GTL, KNU

Source: Wijesekara 2001; *KVK-NMC, KVK-ZMP, IK-ZMP*  
New localities: PER, DAM, HAM, REK, WRP, CHL, PUT, BOM, ANU, MIP, KAL

27. *Austronomia* sp. 1 determined by Pauly 2003  
Source: *IK-ZMP*  
New localities: ANU, PER, DAM, RAN, WRP, CHL, PUT, BAD, RAT, SIG
28. *Austronomia* sp. 2 determined by Pauly 2003
   Source: *IK-ZMP*
   New localities: PER, RAN, DAM, WRP

8. **CURVINOMIA** Michener, 1944

29. *Curvinomia formosa* (Smith, 1858) determined by Pauly 2003
   Source: *IK-ZMP*
   New localities: PER, RAT, SIG, BOM, BAD

30. *Curvinomia iridiscens* (Smith, 1857) determined by Pauly 2003
   Source: *IK-ZMP*
   New localities: RAN, PER, CHL, PUT, SIG, KNU

9. **GNATHONOMIA** Pauly, **NEW GENUS** [description in appendix]

31. *Gnathonomia nasicana* (Cockerell, 1911)
   Source: *IK-ZMP*
   New localities: PER, KNU, ANG, RAN, WRP, CHL, ANU

32. *Gnathonomia* sp. 2
   Source: *IK-ZMP*
   New localities: PER, WRP, ANU

10. **HOPLONOMIA** Ashmead, 1904

33. *Hoplonomia westwoodi* (Gribodo, 1894) based on Bingham, 1897
   Source: *IK-ZMP*
   New localities: DAM, HAM, ANG, REK, PER, RAT, RAN, KNU, WRP, CHL, PUT, MIP

- 5 -
11. **LEUCONOMIA** Pauly, 1980

34. *Leuconomia* sp. determined by Pauly 2003
   Source: *IK-ZMP*
   New localities: DAM, USG, HAM, ANG, WRP, CHL, PUT, BOM, ANU, PER, KNU

12. **LIPOTRICHES** Gerstaecker, 1857

35. *Lipotriches basipicta* (Wickwar, 1908)
   Source: Wijesekara 2001

36. *Lipotriches bombayensis* (Cameron, 1908) determined by Pauly 2003
   Source: col. K.V. Krombein, Washington

37. *Lipotriches comberi* (Cockerell, 1911) determined by Pauly 2003
   Source: *IK-ZMP*
   New localities: ANG, RAT, RAN, WRP, PUT, SIG

38. *Lipotriches sp nr. comperta* (Cockerell, 1912) determined by Pauly 2003
   Source: *IK-ZMP*
   New localities: PER, GTL

   Source: Wijesekara 2001; *IK-ZMP*
   New localities: PER, RAT

40. *Lipotriches fervida* (Smith, 1875) (= *Nomia carinicollis* Cameron, 1902)
   Source: BMNH

41. *Lipotriches fulvinerva* (Cameron, 1907) determined by Pauly 2003
   Source: *IK-ZMP*
   New localities: HAM, ANG, WRP, PER
42. *Lipotriches edirisinghei* Pauly n. sp. [description in appendix]
   Source: *IK-ZMP*
   New localities: PER, SIG, ANG, RAT, WRP, KNU

43. *Lipotriches pulchriventris* (Cameron, 1897) determined by Pauly 2003
   Source: *IK-ZMP*
   New localities: PER

13. **MACRONOMIA** Cockerell, 1917 (previously unrecorded genus from Sri Lanka, examined by Pauly 2003)

44. *Macronomia rustica* (Westwood, 1875) (= *Nomia rustica* Westwood, 1875)
   Source: *BMNH*


45. *Maynenomia* sp. 1
   Source: *IK-ZMP*
   New localities: PER

46. *Maynenomia* sp. 2
   Source: *IK-ZMP*
   New localities: WRP

15. **NOMIA** Latreille, 1793

47. *Nomia crassipes* Fabricius, 1798
   Source: Wijesekara 2001; *IK-ZMP*
   New localities: DAM, HAM, ANG, RAN, PER, KNU, WRP, CHL, PUT, BOM, ANU

48. *Pachynomia* sp.
   Source: IK-ZMP
   New localities: HAM, KNU, ANU, PUT

17. **PSEUDAPIS** Kirby, 1900

49. *Pseudapis oxybeloides* (Smith, 1875)
   Source: Wijesekara 2001; Gupta 2003; IK-ZMP
   New localities: DAM, USG, HAM, ANG, WRP, CHL, PUT, BOM, ANU, MIP, PER

18. **STEGANOMUS** Ritsema, 1873

50. *Steganomus nodicornis* Smith, 1875 (= *Nomia matalea* Strand, 1913)
   Collected from Manner, Jaffna as per specimen.
   Source: Gupta 2003; Wijesekara 2001; IK-ZMP
   New localities: RAN, PUT, HAM, REK, CHL

**SUBFAMILY – NOMIOIDINAE**

19. **CEYLALICTUS** Strand, 1913

51. *Ceylalictus appendiculata* (Cameron, 1903) determined by Sakagami, 1984
   Collected from Manner, Jaffna as per specimen.
   Source: KVK-NMC, KVK-ZMP

52. *Ceylalictus horni* (Strand, 1913)
   Source: Wijesekara 2001
53. Ceylalictus cereus (Nurse, 1901)
Source: Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP
New localities: PER, RAN

54. Ceylalictus taprobanae (Cameron, 1897)
Source: Wijesekara 2001; IK-ZMP
New localities: KAL, ANG, REK

SUBFAMILY – ROPHITINAE

20. SYSTROPHA Illiger, 1806

55. Systropha tropicalis Cockerell, 1911
Source: Gupta 2003; Wijesekara 2001; IK-ZMP
New localities: PUT, RAN, WRP, ANG, KNU

FAMILY – MEGACHILIDAE

Tribe – Anthidiini

21. ANTHIDIELLUM Cockerell, 1904

56. Anthidiellum butarsis Griswold, 2001
Source: Krombein and Norden 2001

57. Anthidiellum krombeini Griswold, 2001
Source: Krombein and Norden 2001

58. Anthidiellum ramakrishnae (Cockerell, 1919)
Source: Wijesekara 2001
22. **EXANTHIDIUM** Pasteels, 1969

Source: Pasteels 1987

23. **EUASPIS** Gerstaecker, 1857

60. *Euaspis edentata* Baker, 1995
Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP
New localities: MIP, ANU, PUT, GAN, DAM, WRP, KNU, ANG, HAM

24. **PACHYANTHIDIUM** Friese, 1905 (previously unrecorded from Sri Lanka) based on descriptions in Michener 2000

61. *Pachyanthidium* sp. 1
Source: IK-ZMP
New localities: WRP, HAM, CHL, PUT

25. **PSEUDOANTHIDIUM** Friese, 1898 (previously unrecorded from Sri Lanka) based on descriptions in Michener 2000

62. *Pseudoanthidium* sp. 1
Source: IK-ZMP
New localities: ANU, ANG

**Tribe – Lithurgini**

26. **LITHURGUS** Berthold, 1827

63. *Lithurgus atratus* Smith, 1854
Source: Gupta 2003; Wijesekara 2001; IK-ZMP
New localities: WRP, KNU, PUT, CHL, DAM, ANG, PER, HAM, REK, USG
Tribe - Megachilini

27. **COELIOXYS** Latreille, 1809

64. *Coelioxys angulata* Smith, 1870
   Source: Wijesekara 2001
   New localities: **KVK-NMC, KVK-ZMP**

65. *Coelioxys apicata* Smith, 1854
   Source: Wijesekara 2001
   New localities: **KVK-NMC**

66. *Coelioxys capitata* Smith, 1854
   Source: Wijesekara 2001; **KVK-NMC, KVK-ZMP, IK-ZMP**
   New localities: **PER, ANG, WRP, PUT**

67. *Coelioxys confusus* Smith, 1875
   Source: Wijesekara 2001; **KVK-NMC, IK-ZMP**
   New localities: **PER, PUT, BAD**

68. *Coelioxys fenestrata* Smith, 1873
   Source: Wijesekara 2001

69. *Coelioxys fuscipennis* Smith, 1854
   Source: Wijesekara 2001

70. *Coelioxys minutus* Smith, 1879 (previously unrecorded from Sri Lanka)
   based on descriptions in Bingham 1897
   Source: **IK-ZMP**
   New localities: **PER, RAN, GAL, ANG, REK, MAT**

71. *Coelioxys nitidoscutellaris* Pasteels, 1987
   Source: Pasteels 1987
72. Coelioxys taiwanensis Cockerell, 1911
Source: Wijesekara 2001; KVK-NMC

28. MEGACHILE Latreille, 1802

73. Megachile albolineata Cameron, 1897
Source: Wijesekara 2001

74. Megachile amputata Smith, 1858 (previously unrecorded from Sri Lanka) based on
descriptions in Bingham 1897
Source: IK-ZMP
New localities: WRP, PER

75. Megachile ardens Smith, 1879
Source: Wijesekara 2001; IK-ZMP
New localities: ANG

76. Megachile ceylonica Bingham, 1896
Source: Wijesekara 2001

77. Megachile conjuncta Smith, 1853
Source: Wijesekara 2001; IK-ZMP
New localities: RAN, PER

78. Megachile disjuncta Fabricius, 1781
Source: Wijesekara 2001; IK-ZMP
New localities: MIP, ANU, GAN, DAM, WRP, ANG, GTL, MAT, USG

79. Megachile hera Bingham, 1897 (previously unrecorded from Sri Lanka) based on
descriptions in Bingham 1897
Source: IK-ZMP
New localities: MIP, ANU, PUT, CHL, RAN, DAM, WRP, KNU, ANG, PER, HAM, BAD
80. *Megachile kandyca* Friese, 1918  
Source: Wijesekara 2001

81. *Megachile lanata* Fabricius, 1793  
Source: Wijesekara 2001; *IK-ZMP*  
New localities: MIP, RAN, PER, DAM, ANG, BAD, GTL, MAT, USG

82. *Megachile mystacea* Fabricius, 1775  
Source: Wijesekara 2001; *IK-ZMP*  
New localities: SIG

83. *Megachile nana* Bingham, 1897 (previously unrecorded from Sri Lanka)  
based on descriptions in Bingham 1897  
Source: *IK-ZMP*  
New localities: PER, DAM, WRP, ANG, REK, GTL, MAT

84. *Megachile nigricans* Cameron, 1898  
Source: Wijesekara 2001

85. *Megachile reepeni* Friese, 1918  
Source: Wijesekara 2001

86. *Megachile relata* Smith, 1879  
Source: Wijesekara 2001

87. *Megachile umbripennis* Smith, 1853  
Source: Wijesekara 2001; *IK-ZMP*  
New localities: SIG, MIP, ANU, PUT, CHL, RAN, PER, DAM, WRP

88. *Megachile vestita* Smith, 1853 (previously unrecorded from Sri Lanka) based on  
descriptions in Bingham 1897  
Source: *IK-ZMP*  
New localities: BOM, CHL, WRP, PER
**Tribe – Osmiini**

**29. HERIADIES** Spinola, 1808

90. *Heriades binghami* Cameron, 1897 determined by D.S. Peters 1983
Source: *KVK-ZMP, IK-ZMP*
New localities: RAN, PER, WRP, KNU, ANG, HAM

**FAMILY – APIDAE**

**Tribe - Anthophorini**

**30. AMEGILLA** Friese, 1897

91. *Amegilla (Amegilla) confusa* Smith, 1854 (= *vigilans* Smith, 1878)
Source: Gupta 2003

92. *Amegilla (Amegilla) quadrifasciata* de Villers, 1789
Source: Gupta 2003, Wijesekara 2001

93. *Amegilla (Glossamegilla) violacea* Lepeletier, 1841
Source: Gupta 2003; Wijesekara 2001; *KVK-NMC, KVK-ZMP, IK-ZMP*
New localities: ANU, PUT, WRP, ANG, BAD, GTL
94. *Amegilla (Micamegilla) mucorea* (Klug, 1845) (=*Anthophora delicata* Cockerell, 1911)  
Source: Gupta 2003

95. *Amegilla (Zebramegilla) fallax* Smith, 1879  
Source: Gupta 2003; Wijesekara 2001; *IK-ZMP*  
New localities: ANU, PUT, DAM, ANG, USG

96. *Amegilla (Zebramegilla) subcoerulea* Lepeletier, 1841  
Source: Gupta 2003; Wijesekara 2001

97. *Amegilla (Zonamegilla) cingulata* Fabricius, 1775  
Source: Gupta 2003; Wijesekara 2001

98. *Amegilla (Zonamegilla) cingalifera* Cockerell, 1910  
Source: Gupta 2003; *KVK-NMC, KVK-ZMP, IK-ZMP*; Wijesekara 2001

99. *Amegilla (Zonamegilla) comberi* Cockerell, 1911  
Source: Gupta 2003; Wijesekara 2001; *KVK-NMC, KVK-ZMP, IK-ZMP*.  
New localities: ANU, PUT, PER, DAM, WRP, ANG, REK, GTL, KNU, MAT

100. *Amegilla (Zonamegilla) niveocincta* (Smith, 1854) determined by Lieftinck, 1977  
Sources: *KVK-NMC, KVK-ZMP, IK-ZMP*  
New localities: ANG, PER, KNU

Source: Gupta 2003

102. *Amegilla (Zonamegilla) puttalama* Strand, 1913  
Source: Gupta 2003; Wijesekara 2001; *KVK-NMC, KVK-ZMP, IK-ZMP*  
New localities: PER, DAM, ANG, KNU, MAT, GTL, BAD
103. *Amegilla (Zonamegilla) subinsularis* (Strand): Cockerell, 1919

[Brooks (1988: 573) states 'listed by Cockerell, 1919, as *insularis* subsp. but original description is not found']
Source: Gupta 2003; Wijesekara 2001; *KVK-NMC, KVK-ZMP, IK-ZMP*
New localities: SIG, PER, KNU

104. *Amegilla (Zonamegilla) zonata* Linnaeus, 1758
Source: Gupta 2003; Wijesekara 2001

105. *Amegilla* sp.[manuscript name *scintillans* of Lieftinck, 1977]
Source: *KVK-NMC, KVK-ZMP, IK-ZMP*
New localities: BOM, MIP, PUT, WRP, KNU, ANG, PER, BAD, NUE

Tribe - Allodapini

31. **Braunsapis** Michener, 1969


(previously unrecorded from Sri Lanka) based on
Description in Bingham 1897
Source: *IK-ZMP*
New localities: PER

Source: Gupta 2003; Wijesekara 2001

108. *Braunsapis mixta* Smith, 1852 (=*Allodape mixta* Meade-Waldo, 1923)
Source: Gupta 2003; Wijesekara 2001; *IK-ZMP*
New localities: ANU, RAN, PER, WRP, KNU, ANG

109. *Braunsapis picitarsis* Cameron, 1902
Source: Gupta 2003; Wijesekara 2001

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Tribe – Ceratinini

32. **CERATINA** Latreille, 1802

110. *Ceratina (Ceratinidia) hieroglyphica* Smith, 1854
Source: Gupta 2003; Wijesekara 2001; **IK-ZMP**
New localities: ANU, ANG, MIP, GTL, BAD, BAN, HAM, REK, USG, BOM, KAL, GAM, PER, RAN, MAT, GAL, DAM, KNU, NUE, STE, PUT, CHL, WAR, RAT, SIG, VAV

111. *Ceratina (Pithitis) binghami* Cockerell, 1910 (=*C. viridissima* Dalla Torre, 1896)
Source: Gupta 2003; Wijesekara 2001; **IK-ZMP**
New localities: ANU, ANG, MIP, GTL, BAD, HAM, REK, USG, BOM, KAL, GAM, PER, RAN, MAT, GAL, DAM, KNU, PUT, CHL, WAR, RAT, SIG, VAV

112. *Ceratina (Pithitis) smaragdula* Fabricius, 1787 (=*C. sexmaculata* Smith, 1879 = *Pithitis smaragdula* Hirashima, 1969)
Source: Wijesekara 2001; **IK-ZMP**
New localities: MIP, DAM, KNU

113. *Ceratina (Simoceratina) tanganyicensis* Strand, 1911 determined by M. Terzo
(Previously unrecorded from Sri Lanka)
Source: **IK-ZMP**
New localities: WRP, KNU

114. *Ceratina (Xanthoceratina) beata* Cameron, 1897
Source: Gupta 2003; Wijesekara 2001

115. *Ceratina (Xanthoceratina) picta* Smith, 1854
Source: Gupta 2003; Wijesekara 2001
Tribe – Nomadini

33. **NOMADA** Scopoli, 1770

116. *Nomada adusta* Smith, 1875
   Source: Gupta 2003; Wijesekara 2001

117. *Nomada antennata* Meade-Waldo, 1913
   Source: Gupta 2003; KVK-ZMP, KVK-ZMP; Wijesekara 2001

118. *Nomada bicellularis* Schwarz, 1990
   Source: Wijesekara 2001; KVK-NMC

119. *Nomada ceylonica* Cameron, 1897
   Source: Gupta 2003; Wijesekara 2001

120. *Nomada lusca* Smith, 1875
   Source: Gupta 2003; Wijesekara 2001

121. *Nomada priscilla* Nurse, 1902
   Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP
   New localities: NUE, KNU

122. *Nomada wickwari* Meade-Waldo, 1913
   Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP
   New localities: ANG
Tribe - Eucerini

34. TETRALONIA Spinola, 1839

123. Tetralonia commixtana Strand, 1913
   Source: Gupta 2003; Wijesekara 2001

124. Tetralonia taprobanicola Strand, 1913
   Source: Gupta 2003; Wijesekara 2001

125. Tetralonia fumida Cockerell, 1911
   Source: Gupta 2003; Wijesekara 2001

Tribe – Melectini

35. THYREUS Panzer, 1806

126. Thyreus ceylonicus Friese, 1905 (=Crocsia ceylonica Friese, 1905)
   Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP
   New localities: WRP, KNU, ANG, PER, REK, USG, GTL

127. Thyreus histrio Fabricius, 1775 (=Crocsia histrio Strand, 1913)
   Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP
   New localities: ANU, PUT, PER, DAM, WRP, KNU, ANG, REK

128. Thyreus insignis Meyer, 1912 (=Crocsia insignis Meyer, 1912)
   Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP
   New localities: SIG, KNU

129. Thyreus ramosellus Cockerell, 1919 (=Crocsia ramosellus Cockerell, 1919)
   Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP
   New localities: PER, ANU, REK, ANG

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130. *Thyreus surniculus* Lieftinck, 1959  
Source: Gupta 2003; Wijesekara 2001 *VK-NMC, KVK-ZMP, IK-ZMP*  
New localities: ANG, GTL, BAD

131. *Thyreus takonis* Cockerell, 1911  
Source: Gupta 2003; Wijesekara 2001 *KV-KMC, KVK-ZMP, IK-ZMP*  
New localities: PUT, CHL, PER, DAM, WRP, ANG, BAD, KNU

**Tribe – Xylocopini**

36. *XYLOCOPA* Latreille, 1802

132. *Xylocopa aestuans* Lepeletier, 1841  
Source: Gupta 2003; Wijesekara 2001

133. *Xylocopa amethystina* Fabricius, 1793  
(*X. amethystina sigiriana* Cockerell, 1911)  
Source: Gupta 2003; Wijesekara 2001 *KV-NMC, KVK-ZMP, IK-ZMP*  
New localities: ANU, RAN, WRP, BAD, GTL

134. *Xylocopa auripennis* Lepeletier, 1841  
Source: Gupta 2003; Wijesekara 2001 *IK-ZMP*  
New localities: RAN

135. *Xylocopa bryorum* (Fabricius, 1775)  
Source: Gupta 2003; Wijesekara 2001 *IK-ZMP*  
New localities: HAM

136. *Xylocopa coerulea* (Fabricius, 1804)  
Source: Gupta 2003

137. *Xylocopa dejeanii* Lepeletier, 1841  
Source: Wijesekara 2001 *KV-NMC, KVK-ZMP*
138. Xylocopa fenestrata (Fabricius, 1798)
   Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP
   New localities: MIP, PUT, CHL, NUE, PER, DAM, WRP, ANG, MAT, GTL

139. Xylocopa nasalis Westwood, 1842
   Source: Gupta 2003; Wijesekara 2001; IK-ZMP
   New localities: GTL

140. Xylocopa nigrocaerulea Smith, 1874
   Source: Wijesekara 2001

141. Xylocopa ruficornis Fabricius, 1804
   Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP
   New localities: RAN, KNU, ANG, REK, MAT

142. Xylocopa tenuiscapa Westwood, 1840
   Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP
   New localities: SIG, ANU, PUT, RAN, NUE, PER, DAM, WRP, KNU, BAD, GTL, MAT

143. Xylocopa tranquibarica (Fabricius, 1804)
   Source: Gupta 2003; Wijesekara 2001; KVK-NMC, IK-ZMP
   New localities: GTL
Tribe – Apini

37. **APIS** Linnaeus, 1758

144. *Apis cerana* Fabricius, 1793

Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP

New localities: ANU, ANG, MIP, GTL, BAD, BAN, HAM, REK, USG, BOM, KAL, GAM, PER, RAN, MAT, GAL, DAM, KNU, NUE, STE, PUT, CHL, WAR, RAT, SIG, VAV

145. *Apis dorsata* Fabricius, 1793

Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP

New localities: ANU, ANG, MIP, GTL, BAD, BAN, HAM, REK, USG, BOM, KAL, GAM, PER, RAN, MAT, GAL, DAM, KNU, NUE, STE, PUT, CHL, WAR, RAT, SIG, VAV

146. *Apis florea* Fabricius, 1787

Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP

New localities: ANU, ANG, MIP, GTL, BAD, BAN, HAM, REK, USG, BOM, KAL, GAM, PER, RAN, MAT, GAL, DAM, KNU, PUT, CHL, WAR, RAT, SIG, VAV

Tribe – Meliponini

38. **TRIGONA** Jurine, 1807

147. *Trigona iridipennis* Smith, 1854

Source: Gupta 2003; Wijesekara 2001; KVK-NMC, KVK-ZMP, IK-ZMP

New localities: ANU, ANG, MIP, GTL, BAD, BAN, HAM, REK, USG, BOM, KAL, GAM, PER, RAN, MAT, GAL, DAM, KNU, NUE, STE, PUT, CHL, WAR, RAT, SIG, VAV

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148. *Trigona sp.* (previously unrecorded from Sri Lanka)

Source: *IK-ZMP*

New localities: KNU
Appendix

Description of the new species

*Lipotriches edirisinghei* Pauly n.sp.

**Holotype male:**

SRI LANKA : Arakawida, 55 km NE Colombo, 1.iii.1971 (J & M. Sedlacek; Bishop Museum).

**Paratypes:**


(All paratypes listed above are in the collection of the Zoology Museum of the Department of Zoology, University of Peradeniya, Sri Lanka).

**Description:**

6 mm long. Male close to *Lipotriches pulchriventris* (Cameron, 1897) but differing by the sternite 4 not depressed, with plumose setae only on posterior margin. Long setae of sternite 5 white (black in *L. pulchriventris*).

The female differs from *L. pulchriventris* by the elevated suture between the clypeus and the supraclypeal area (at the same level in *L. pulchriventris*).
Figure 1: Lipotriches edirisinghei - female head

Figure 2: Lipotriches pulchriventris - female head
Figure 3: *Lipotriches edirisinghei* – Male abdomen – ventral view

Figure 4: *Lipotriches pulchriventris* – Male abdomen – ventral view
Description of new genus

*Gnathonomia* Pauly, new genus

This is a manuscript name of late D.B. Baker, without published description.

**Description:** A genus of moderate-sized species (7-12mm), with coloured tergal bands.

**Females:** basitibial plate completely margined by carinae; middle tibial spur finely toothed to the apex. Male with large mandible each with a median tooth on the upper margin (this character is not found in all other banded Nomiine genera).

**Type-species:** *Nomia nasicana* Cockerell, 1911.

Included species: *Nomia albofasciata* Smith, 1875; *Nomia dorsalis* Smith, 1853; *Nomia excellens* Cockerell, 1931; *Nomia thoracica* Smith, 1875.
Figure 5: *Gnathonomia thoracica* – male head – side view

Figure 6: *Gnathonomia thoracica* – male head – anterior view
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