



A STUDY OF COCCINELLID (INSECTA: COLEOPTERA: COCCINELLIDAE) FAUNA OF NORTHERN-WESTERN GHATS

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INTRODUCTION

Coccinellidae is a family of coleoptera popularly called as ladybird beetles. Globally there are 5000 species of this group (Allen and Humphries, 2000). The majority of these beetles are carnivorous and feed on the small soft bodied insects such as aphids, aleuryds and plant mites (Chakraborty, 2010). Besides, some are mycophagous and phytophagous as well.

Various researchers have earlier studied coccinellidae in different parts of India. These include Kapur in India and Nepal (1949, 1956, 1963), Chakraborty and Biswas (2003) in Sikkim, Chakraborty (2010) in Uttarakhand, Sasaji (1968)

from Orient, Chakraborty (2010), Poorani (2001, 2002), Singh and Singh (1991) from the north-east. Some of them are also agents of biological control (Sankaran, 1974). Siplinski (2007) has also given an account of ladybirds from Australia. Recently, 20 species of Coccinellidae have been listed by review of literature from Maharashtra (Jadhav and Sharma, 2012). The present study has a focus on the study of species of coccinellidae from the northern-western ghats region of 13 districts of Maharashtra.

MATERIAL AND METHODOLOGY

Survey tours of study area spread in thirteen districts of Maharashtra (Fig. 1) were undertaken.



Fig. 1. Map of survey area in northern-western ghats.

The insects were collected with help of hand net and also handpicked. The collected insects were killed by Ethyl acetate and preserved as a dry.

SYSTEMATIC LIST

- Class INSECTA
Order COLEOPTERA
Superfamily CUCUJOIDEA
Family COCCINELLIDAE
Subfamily CHILOCHORINAE
Tribe CHILOCHORINAE
Genus *Brumoides* Chapin, 1965
1. *Brumoides suturalis* (Fabricius, 1798)
Genus *Chilochorus* Leach, in Brewster, 1815
 2. *Chilochorus circumdatus* (Gyllenhal, 1808)
Subfamily COCCINELLINAE
Tribe Coccinellini
Genus *Cheilomenes* Dejean, 1836
 3. *Cheilomenes sexsmaculata* (Fabricius, 1781)
Genus *Coccinella*, 1758
 4. *Coccinella septumpunctata* Linnaeus, 1758
 5. *Coccinella transversalis* Fabricius, 1781
Genus *Coelophora* Mulsant, 1850
 6. *Coelophora bissellata* Mulsant, 1850
Genus *Harmonia* Mulsant, 1846
 7. *Harmonia octomaculata* (Fabricius, 1781)
Genus *Hippodamia* Chevrolat, in Dejan, 1836
 8. *Hippodamia variegata* (Goeze, 1777)
Genus *Micraspis* Chevrolat, in Dejan, 1836
 9. *Micraspis discolor* (Fabricius, 1798)
Genus *Phrynocaria* Timerlake, 1943
 10. *Phrynocaria eberti* (Bielawski, 1972)
 11. *Phrynocaria perrotteti* (Mulsant, 1850) comb. Nov.
Genus *Propylea* Mulsant, 1846
 12. *Propylea dissecta* (Mulsant, 1850)
Tribe PSLLOBORINI
Genus *Psyllobora* Chevrolat, in Dejan, 1836
 13. *Psyllobora bisoetonotata* (Mulsant, 1850)

Subfamily EPILACHNII
Tribe EPILACHNINI
Genus *Henosepilachna* Li

14. *Henosepilachna vigintioctopunctata* (Fabricius, 1775)
Tribe SCYMINI
Genus *Cryptolaemus* Mulsant, 1853
15. *Cryptolaemus montrousieri* Mulsant, 1853
Tribe STETHORINI
Genus *Stethorus* Weise, 1885
16. *Stethorus rani* Kapur, 1948

SYSTEMATIC ACCOUNT

- Class INSECTA
Order COLEOPTERA
Superfamily CUCUJOIDEA
Family COCCINELLIDAE
Subfamily CHILOCHORINAE
Tribe CHILOCHORINAE
Genus *Brumoides* Chapin, 1965
1. *Brumoides suturalis* (Fabricius)
1798. *Coccinella suturalis* Fabricius: *Supplementum entomologicae systematicae*. Hafniae.
 1965. *Brumoides suturalis* Chapin: The genera of the Chilocorini (Coleoptera, Coccinellidae). *Bull. us. Comp. Zool.*, **133**: 227-271.

Diagnosis:

Shape: Oval

Colour: Scutellum black. Elytra satiny white to creamy yellow in colour with three black strips (vittae).

Head: Anterior clypeal margin is medially emarginate. Antenna eight segmented. Maxillary palpi with terminal segment subcylindrical, apical margin obliquely transverse.

Pronotum: Head and Pronotum of Orange-yellow colour.

Dots on Dorsum (Morpho – taxonomic importance of dots and lines): Three black stripes (vittae) one on each elytron in a mid-dorsal position not extending to apex and one along sutural line almost extending to apex, with the apical portion being yellowish to reddish brown in colour.

Ventrum: Postcoxal line on abdominal ventrite complete.

Material Examined: 10 exs, Aakeri, 23-12-2012 (Ent-1/1617), 08exs, Vill: Ashoknagar Tal: Roha, 17-12-2012 (Ent-1/1637), 23 exs, Khandala Tal: Alibaug, 22-02-2013 (ENT- 1/1646), 4 exs, Vuhur Tal: Mahad, 27-12-2012 (ENT- 1/1768), 1ex, Ladvali Tal: Mahad, 28-12-2012 (ENT-1/1769), 1ex, Usroli & around, Phansad WLS, 16-02-2013 (ENT-1/1771), 3 exs, Sigara, Murud Phansad WLS, 17-02-2013 (ENT- 1/1772), 45exs, Vangani Police Check Post Tal: Mahasal, 28-12-2012 (ENT-1/1656), 3exs, Kajuwadi & around Tal: Bohighar Distt: Raigad, 20-02-2013 (ENT-1/1774), 60exs, Vill: Kudal Tal: Sawantwadi, 22exs, Vill: Kasal, 22-12-2012 (Ent-1/1621), 21-12-2012 (Ent-1/1639), 50exs, Vill: Adali Tal: Vengurla, 21-12-2012 (Ent-1/1666), 21exs, Narange Tal : Devgad, 22-12-2012 (ENT- 1/1759), 50exs, Adali Tal: Vengurula, 21-12-2012 (ENT-1/1466), 4exs, Vill: Kolegaon Tal: Sawantwadi, 21-12-2012 (ENT-1/1674), 01ex, Vill: Paaushi Tal: Kudal, 22-12-2012 (Ent-1/1908), 01ex, Vill: Adali Tal: Vengurla Distt : Sindhudurg, 21-12-2012 (Ent-1/1918), 80exs, Aare, 22-12-2012 (Ent-1/1618), 4 exs, Nevere Tal: Ratnagiri, 24-12-2012 (ENT-1/1762), 4 exs, Manaskond Tal: Sangmeshwar, 25-12-2012 (ENT-1/1763), 6exs, Velamb Guhar, 25-12-2012 (ENT-1/1764), 11ex, 5Kms from Khed Tal: Khed, 26-12-2012 (ENT-1/1670), 1ex, Devrukh Tal Devrukh Distt: Ratnagiri, 26-12-2012 (ENT-1/1765), 1ex, Baripada & vicinity Tal: Mahasal, 07-01-2014 (ENT- 1/1691), 2 exs, Maalpur Tal: Sakri, Coll: R Bano & Pty, 24-12--2013 (ENT-1/1811), 2 exs, Bardipada, 25-12--2013 (ENT-1/1813), 4exs, Vill: Kakrakhunt Tal: Sakri, 26-12--2013 (ENT-1/1825), 1ex, Vill: Aarvi, 27-12--2013 (ENT-1/1828), 1ex, Charanmal Tal: Sakri, 08-01-2014 (ENT-1/1833), 1ex, Chinchpade, 2Km S of Dahiwel Tal: Sakri, 10-01-2014 (ENT-1/1843), 01ex, Vill: Supada Tal: Sakri, 07-01-2014 (Ent-1/1915), 06exs, Vill: Bardipada Tal: Sakri Distt: Dhule, Coll: R. Bano & Pty, 25-12-2013 (Ent-1/1916), 01ex, Bhor (Swapnanagari), 21-02-2014 (Ent-1/1702), 2exs,

Vill : Burukwadi, Tal: Velhe, 21-02-2014 (ENT-1/1860), 17 exs, Vill: Kurungwadi Tal: Velhe, 21-02-2014 (ENT-1/1861), 33exs, Vill: Bhor Swapnanagari, 21-02-2014 (ENT-1/1862), 8exs, Ghotawade, 26-02-2014 (ENT-1/1870), 2exs, Disli Tal: Mulshi, 26-02-2014 (ENT-1/1871), 4exs, Village: Aajiwali Tal: Maval, 26-02-2014 (ENT-1/1872), 11exs, Male, Tal: Mulshi, 26-02-2014 (ENT-1/1873), 1ex, Shere, Mulshi, 26-02-2014 (ENT-1/1874), 5exs, Shinvali, Mulshi, 26-02-2014 (ENT- 1/1875), 11exs, Ravet Vill: Akurdi Tal: Haveli, 09-03-2013 (ENT-1/1642), 43exs, Vill: Bhor Tal: Swapnanagari, 21-02-2014 (ENT-1/1852), 11ex, Vill: Bhatti Distt: Pune, 21-02-2014 (ENT-1/1705), 01ex, Loc: Rondha Tal: Akole Distt: Ahmednagar, 27-09-2013 (Ent-1/1907), 1ex, Kurnoli Tal: Igatpuri, Distt: Nasik, 29-09-2013 (ENT-1/1795), 1ex, (W. Ghat Surv.: Dhule & Nandurbar January, 2014) Thanepade Tal: Nandurbar Distt: Nandurbar, 09-01-2014 (ENT-1/1841), All other examples (except as indicated) collected by Dr PS Bhatnagar & pty.

Distribution: Goa, Karnataka, Tamil Nadu, Punjab, Maharashtra, Uttar Pradesh, Manipur. *Elsewhere*: Bhutan, Nepal and Sri Lanka.

Genus *Chilochorus* Leach, in Brewster, 1815

2. *Chilochorus circumdatus* (Gyllenhal)

1808. *Coccinella circumdatus* Gyllenhal: *Synonymia Insectorum*. 1(2). Stockholm.

1972. *Chilochorus nigromaculatus* Iablokoff-Khznorlan : *Nouv. Rev. Entomol.*, 2(2): 163-184.

Diagnosis:

Shape: Helmet shaped

Colour: The beetle is rich in Orange-red colour with a fine black margin around the base of wing covers.

Head: Head flat between eyes; polished between punctures; punctuation about as large as eye facets. Clypeus not projecting forward; slightly emarginated.

Pronotum: Pronotal surface polished between punctures. Presence of an almost complete bordering line at pronotal base.

Dots on Dorsum (Morpho – taxonomic importance of dots and lines): Dorsum uniformly

orange yellow to reddish brown. Lateral margin of elytra with a narrow black border.

Ventrum: Ventral side uniformly orange yellow. Abdomen with ventrite 6 very short, broadly rounded.

Material Examined: 1ex, Kundal phata Tal: Tasgaon Distt: Sangli, Coll: P.S. Bhatnagar & Party, 11-09-2012 (ENT-1/1743),

Distribution: Assam, Karnataka, Tamil Nadu. *Elsewhere*: Sri Lanka, Nepal, Indonesia, China, Hong Kong. Introduced into Australia.

Subfamily COCCINELLINAE

Tribe COCCINELLINI

Genus *Cheilomenes* Dejean, 1836

3. *Cheilomenes sexsmaculata*
(Fabricius, 1781)

1781. *Coccinella sexsmaculata* Fabricius, *Species Insectorum*, 1: 522.

1943. *Menochilus sexsmaculatus* (Fab.): Timberlake, *Bull. Hawaiian Sug. Plrs. Ass. Exp. Stn. (Ent. Series)* 47(22): 40-41.

Diagnosis:

Shape: Oval to sub-rounded. Dorsum moderately convex and shiny.

Colour: Yellowish to light brownish.

Head: Head with a black marking in posterior half. Elytra with six black maculae including two zig-zag lines and a posterior black dot. Sutural line with a narrow to moderately broad-black stripe. Antenna short and compact.

Pronotum: With a T-shaped median marking connected to a broad black band along posterior margin. Pronotal marking is always constant.

Dots on Dorsum (Morpho – taxonomic importance of dots and lines): Elytra with six black maculae including two zig-zag lines and a posterior black dot.

Ventrum: Ventral side uniformly yellow.

Material Examined: 3exs, Palasasunrdhi Tal: Mokhada Distt: Thane, 26-09-2013 (ENT-1/1784), 27-09-2013 (ENT- 1/1790), 1ex, Umbar wihir Tal: Surgana Distt: Nashik, Coll: R Bano & Pty, 21-10-2013 (ENT- 1/1798), 1ex, Kasal Distt: Sindhudurg, 22-12-2012 (ENT-1/1619),

1ex, Megholi, 13-09-2012 (ENT-1/1749), 2 exs, Panhala fort Tal: Panhala, Coll: M J Jhadav, 23-02-2014 (ENT-1/1868), 2exs, Shivaji university Distt: Kolhapur, Coll: M J Jhadav, 20-02-2014 (ENT-1/1894), 62exs, Vill: Khandala Tal: Alibaugh, 22-02-2013 (Ent-1/1645), 6exs, Vill: Ladvali Tal: Mahad, 28-12-2012 (ENT- 1/1658), 4exs, Vill: Khandala Tal: Alibaugh, 22-02-2013 (ENT-1/1668), 7exs, Pen-Khopoli Road Tal: Pen, 22-02-2013 (ENT-1/1669), 6exs, Kajuwadi & around Tal: Bohighar, 20-03-2013 (Ent-1/1671), 3exs, Vuhur Tal: Mahad, 27-12-2012 (ENT-1/1766), 1ex, Usroli & around Tal: Bohighar Distt: Raigad, 16-02-2013 (ENT-1/1770), 01ex, Vill: Soangaon Umbrej Road, 06-09-2012 (Ent-1/1636), 3exs, Vardhan gad (Road side), 04-09-2012 (ENT-1/1727), 1ex, Khatau, 04-09-2012 (ENT-1/1726), 1ex, Ambawade, Khurd, Distt: Satara 06-09-2012 (ENT-1/1731), 1ex, Yogewadi, 09-09-2012 (ENT-1/1734), 3exs, Nehrunagar Tal: Tasgao, 11-09-2012 (ENT-1/1741), 2exs, Kudal phata, Tal: Tasgaon Distt: Sangli, 11-09-2012 (ENT-1744), 2exs, near ISKON Temple Ravet, Akurdi, 30-03-2013 (Ent-1/1464), 01ex, Vill: Akurdi Tal: Ravet, 09-03-2013 (Ent-1/1641), 6exs, Ravet vill: Akurdi Tal: Haveli, 09-03-2013 (ENT-1/1659), 2exs, Near ISKON Temple Ravet Vill: Akurdi, 01-09-2012 (ENT-1/1725), 1ex, Kasarsai dam & around, Tal: Haveli, Coll: M.J. Jadhav & P.D. Saha, 06-12-2013 (ENT-1/1805), 48 exs, Vill: Bhor Tal: Swapnanagari, 21-02-2014 (ENT-1/1855), 1ex, Vill: Burukwadi Tal: Velhe, 21-02-2014 (ENT-1/1856), 19exs, Vill: Kurungwadi Tal: Velhe, 21-02-2014 (ENT- 1/1857), 40exs, Ghotawade Tal: Mulshi, 26-02-2014 (ENT-1/1876), 12exs, Pune, 26-02-2014 (ENT-1/1877), 13exs, Village: Aajiwali Tal: Maval, 26-02-2014 (ENT-1/1878), 3exs, Disli Tal: Mulshi, 26-02-2014 (ENT-1/1879), 1ex, Shinvali Tal: Mulshi, 26-02-2014 (ENT-1/1880), 1ex, Ravet Vill: Akurdi, Distt: Pune, 01-09-2012 (ENT-1/1897), 1ex, Rondha Tal: Akole, 27-09-2013 (ENT-1/1787), 1ex, Chichodi Tal: Akole Distt: Ahmednagar, 15exs, Baripada & vicinity Tal: Mahasala, 07-01-2014 (ENT-1/1692), 2 exs, Samode Tal: Sakri, 24-12-2013

(ENT-1/1807), 6exs, Ichchapur Tal: Sakri, 24-12-2013 (ENT-1/1809), 7exs, Maalpur Tal: Sakri, Coll: R Bano & Pty, 24-12-2013 (ENT-1/1812), 2exs, Bardipada, 25-12-2013 (ENT-1/1815), 1ex, Vill: Aamli Tal: Sakri, Coll: R Bano & Pty, 25-12-2013 (ENT-1/1817), 2exs, Pimpal gaon Khurd Tal: Sakri, Coll: R Bano & Pty, 26-12-2013 (ENT-1/1819), 5 exs, Vill: Paankheda Tal: Sakri, Coll: R Bano & Pty, 26-12-2013 (ENT-1/1820), 33exs, Vill: Kakrakhunt Tal: Sakri, 26-12-2013 (ENT-1/1827), 3exs, Chinchpade, 2 Km South of Dahiwel Tal: Sakri, 10-01-2014 (ENT-1/1844), 9exs, Vill: Samode Tal: Sakri, Coll: R Bano & Pty, 24-12-2013 (Ent-1/1900), 01ex, Vill: Supada Tal: Sakri Distt: Dhule, 07-01-2014 (Ent-1/1913). 2exs, Aamoda Tal: Shahada, Coll: R Bano & Pty, 29-12-2013 (ENT-1/1829), 2exs, Kazipur Tal: Taloda, 30-12-2013 (ENT-1/1830), 1ex, Borvihir Tal: Navapur, 08-01-2014 (ENT-1/1832), 8exs, (W. Ghat Surv.: Dhule & Nandurbar January 2014) Takripada, near Bari Tal : Navapur, 08-01-2014 (ENT-1/1835), 7exs, (W. Ghat Surv.: Dhule & Nandurbar Jan'2014) Rampur, 6 km E of Akalkuvan Taloda Road Tal: Akalkuva, 09-01-2014 (ENT-1/1836), 4 exs, (W. Ghat Surv.: Dhule & Nandurbar Jan '2014) Thanepade Tal: Nandurbar, 09-01-2014 (ENT-1/1837), 7exs, Barhadipada & Vicinity Tal: Navapur Distt: Nandurbar, 10-01-2014 (ENT-1/1847), All other examples (except as indicated) collected by PS Bhatnagar & pty.

Distribution: Throughout India. *Elsewhere:* Bangladesh, Pakistan, Sri Lanka, Bhutan, Myanmar, Malaysia, Indonesia, The Philippines, Vietnam, China, Japan, Oriental, Australia.

Genus *Coccinella*, 1758

4. *Coccinella septumpunctata* Linnaeus, 1758
1758. *Coccinella 7-punctata* Linn., *Syst. Nat.* (ed. X) : 365
1932. *Coccinella septumpunctata* Korschefsky, *Coleoptm. Cat.*, 16(120): 486.

Diagnosis:

Shape: Body is oval and has a domed shape.

Colour: Orangish-red elytra and black spot

Head: Comparatively large (7-8mm) with a white or pale spot on either side of the head.

Pronotum: This species also has two characteristics pale white spots along the anterior side of the pronotum.

Dots on Dorsum (Morpho – taxonomic importance of dots and lines): Typically seven Black spots on elytra. Although it can range from 0-9. One spot is next to scutellum that bridges the junction between the two elytra; two white patches are present on either side of the scutellum, just above this black scutellar spot. The three spots on each elytra are variable in placement but are generally rather bold. There are two characteristic pale white spots along the anterior side of the pronotum.

Ventrum: The ventral side of the abdomen is convex and almost totally black.

Material Examined: 1ex, Vill: Bhor Tal: Swapnanagri Distt: Pune, Coll : P.S. Bhatnagar & Pty, 21-02-2014 (ENT-1/1866).

Distribution: All over India. *Elsewhere:* Pakistan, Sri Lanka, Palaarctic, North America.

5. *Coccinella transversalis* Fabricius, 1781
1781. *Coccinella transversalis* Fab. *Spec. Ins.*, 1.

Diagnosis:

Shape: Elongate oval and convex.

Colour: Black and dark red or orange colour.

Head: Black in colour with a pair of creamy yellow, subtriangular frontal spots. One on either side of inner margins of eyes.

Pronotum: Black, anterolateral corners light cream. Scutellum black.

Dots on Dorsum (Morpho – taxonomic importance of dots and lines): Elytra are bright carmine red or orange or yellow, with a oval subscutellar spot, a large trilobed spot on humeral callus, a transverse band at apical third not reaching lateral margin, and three smaller apical spots-one sutural and two lateral, usually fused to form a transverse marking; sutural stripe with an irregular black stripe. Elytral pattern is variable with the markings in various states of confluence or reduction. Elytral intervals with well marked reticulate micro sculpture. Post coxal plates on abdominal ventrite 1 incomplete, with an associate oblique line.

Ventrum: Post-coxal plates on abdominal ventrite 1 incomplete, with an associate opaque line.

Material examined: 3exs, Vill: Khandala Tal: Alibaug, 22-02-2013 (ENT-1/1647), 1ex, Vangni Police Check Post Tal: Mahasala, 28-12-2012 (ENT-1/1657), 4 exs, Vill: Ladavali Tal: Mahad, 28-12-2012 (ENT-1/1667), 15exs, Kajuwadi & around Tal: Bohighar, 20-02-2013 (ENT-1/1672), 2exs, Rice field near stream-2, Phansad WLS, 09-01-2011 (ENT-1/1708), 1ex, Vuhur Tal: Mahad, 27-12-2012 (ENT-1/1767), 1ex, Satarde Tal: Roha Distt: Raigad, 19-02-2013 (ENT-1/1773), 1ex, Ravet Vill: Akurdi Tal: Haveli, 09-03-2013 (ENT-1/1643), 1ex, Nr. ISKON Temple, Ravet Vill: Akurdi, 01-09-2012 (ENT-1/1723), 2exs, Dongarwadi Tamini Ghat, Coll: Manoj Jhadav, 12-10-2012 (ENT-1/1754), 1ex, Manas lake & vicinity Tal: Haveli, Coll: M Jhadav, 23-11-2013 (ENT-1/1804), 5exs, Vill: Bhor Tal: Swapnanagari, 21-02-2014 (ENT-1/1858), 3exs, Vill: Kurungwadi Tal: Velhe, 21-02-2014 (ENT-1/1863), 1ex, GPRA, Akurdi, 14-03-2014 (ENT-1/1892), 1ex, Ravet Vill: Akurdi Tal: Haveli Distt: Pune, Coll: M J Jhadav, 06-10-2013 (ENT-1/1896), 1ex, Wakeshwar phata (Waduj Rd), 05-09-2012 (ENT-1/1728), 3exs, Aundhgaon border Distt: Satara, 05-09-2012 (ENT-1/1729), 1ex, Yogewadi, 09-09-2012 (ENT-1/1736), 1ex, Mhaisal & around, Tal Miraj, 10-09-2012 (ENT-1/1737), 1ex, Kudal phata Tal: Tasgaon, 11-09-2012 (ENT-1/1745), 1ex, Circuit house Distt: Sangli, 12-09-2012 (ENT-1/1747), 2exs, V. Kerale Tal: Karvir, 15-09-2012 (ENT-1/1752), 1ex, Vill: Ganagnbawda, Coll: M.J. Jhadav, 26-08-2013 (ENT-1/1781), 1ex, Panhala fort Tal: Panhala Distt: Kolhapur, Coll: M J Jhadav, 23-02-2014 (ENT-1/1867), 2exs, Kudal Tal: Sawantwadi, 21-12-2012 (ENT-1/1757), 2exs, Kasal, Tal: Sindhudurg, 22-12-2012 (ENT-1/1760), 07exs, Vill: Adeli Tal: Vengurla Distt: Sindhudurg, 21-12-2012 (Ent-1/1912), 1ex, Karanjali Tal: Peth Distt: Nasik, 25-09-2013 (ENT-1/1783), 1ex, (W. Ghats: Thane, A'nagar & Nashik Surv.) Dhamangaon Tal: Akole Distt: Ahmednagar, 28-

09-2013 (ENT-1/1792), 1ex, Samode Tal: Sakri, 24-12-2013 (ENT-1/1808), 4exs, Vill: Kakrakhunt Tal: Sakri Distt: Dhule, 26-12-2013 (ENT-1/1824), All other examples (except as indicated) collected by Dr P.S. Bhatnagar & pty.

Distribution: India. *Elsewhere*: Nepal, Sri Lanka, Bangladesh, Indochina, Indonesia, Japan, Australia, New Zealand.

Genus *Coelophora* Mulsant, 1850

6. *Coelophora bissellata* Mulsant, 1850

1850. *Coelophora bissellata* Mulsant, *Spec. Trim. Securipalp.*, 2(2): 1-1104.

Diagnosis:

Shape: Form round, strongly convex

Colour: Head and pronotum creamy yellow or pale pink, Ground colour of elytra carmine red to orange yellow on disk and margins yellowish brown.

Head: Posterior half of head with a black marking reaching up to eyes. Antennae eleven-segmented, terminal segment elongate oval.

Pronotum: Pronotum with two pairs of black spots on posterior margin, outer pair smaller, located on posterolateral corners and inner pair much larger, subtriangular to oval, situated in middle. Each elytron with four spots arranged in a 1-1-1-1 pattern and two common sutural spots, one in each half. Pronotal and / or elytral spots sometimes reduced in size and / or number rarely lateral borders of elytra narrowly black.

Dots on Dorsum (Morpho – taxonomic importance of dots and lines): Each elytron with four spots arranged in a 1-1-1-1 pattern and two common sutural spots, one in each half. Pronotal and / or elytral spots sometimes reduced in size and / or number rarely lateral borders of elytra narrowly black.

Ventrum: Ventral side with mouthparts and legs yellowish brown, meso- and metasternal epimera white, middle of prosternum, meso- and metasterna and middle of abdominal segments black and elytral epipleura yellowish brown. Prosternal intercoxal process with a pair of carinae, anterior margin of mesosternum triangularly emarginate. Abdominal postcoxal line incomplete.

Key characters: Each elytron with four spots arranged in a 1-1-1-1 pattern and two common sutural spots, one in each half.

Material examined: 4 exs, Ambawade Khurd, 06-09-2012 (ENT-1/1730), 1ex, Wai, 07-09-2012 (ENT-1/1732), 1ex, Medha, on way to Mahableshwar, Distt: Satara, 07-09-2012 (ENT-1/1733), 3 exs, Yogewadi, Distt: Sangli, 09-09-2012 (ENT-1/1735), 1ex, Vill: Ganagnbawda, Coll: M.J. Jhadhav & Party, 26-08-2013 (ENT-1/1779), 1ex, Panhala fort Tal: Panhala, Coll: M.J. Jhadhav & Party, 23-02-2014 (ENT-1/1869), 2exs, Katyani platue Tal: Karveer Distt: Kolhapur, Coll: M.J.Jhadhav & Party, 16-03-2014 (ENT-1/1893), 2exs, Karanjali, Tal: Peth, Distt: Nashik, 25-09-2013 (ENT-1/1782), 5exs, Rajor Tal: Akole, 27-09-2013 (ENT-1/1788), 1ex, Radha Tal: Akole Distt: Ahmednagar, 27-09-2013 (ENT-1/1789), 3exs, Vill: Ladvali Tal:Mahad Distt: Raigad, 21-02-2014 (ENT-1/1859), 1ex, Karsai Tal: Haveli Distt: Pune, Coll: M.J. Jhadhav & Party, 12-12-2013 (ENT-1/1895), 3exs, Vill: Samode Tal: Sakri Distt: Dhule, Coll: R. Bano & Pty, 24-12-2013 (Ent-1/1898). All other examples (except as indicated) collected by PS Bhatnagar & pty.

Distribution: Karnataka, Tamil Nadu, Assam, Manipur, Sikkim, Uttar Pradesh, Meghalaya, Himachal Pradesh, Kerala, Bengal. **Elsewhere:** Nepal, Bangladesh, China, Thailand, Vietnam, Sumatra, The Philippines, New Guinea.

Genus *Harmonia* Mulsant, 1846

7. *Harmonia octomaculata* (Fabricius, 1781)

1781. *Cocinella octomaculata* Fab., *Spec. Ins.*, 1.

1850. *Harmonia octomaculata* Mulsant, *Spec. Trim. Securipalp.*, 2(2): 1-1104.

Diagnosis:

Shape: Elongate, oval moderately convex in shape; about three fourth as wide as long.

Colour: Ground colour orange yellow or red with black markings on pronotum and elytra, highly variable with various degrees of fusion or reduction.

Head: Head slightly wider than or as wide as half of pronotum. Frons broader than half of head, shagreened and very finely punctured. Antenna about one and a half time as long as inter-ocular distance.

Pronotum: Pronotum has one or two pairs of quadrate to sub-ovate black spots.

Dots on Dorsum (Morpho – taxonomic importance of dots and lines): markings on pronotum and elytra, highly variable with various degrees of fusion or reduction. Elytra orange or yellow with black spots arranged in 2-3-2(3)-1 on each and sutural areas usually black.

Ventrum: Prosternal carinae slightly arcuate, weakly divergent posteriorly and reaching anteriorly at half as long as the sternum.

Material examined: 1ex, Nr. Hotel Blue Mormon Bhimashankar, Coll: S,K Pati & Pty, 02-11-2012 (ENT-1/1755), 1ex, Vill: Kurungwadi Tal: Velhe, 21-02-2014 (ENT-1/1864), 1ex, Vill: Bhor Tal: Swapnanagri, 21-02-2014 (ENT-1/1865), 4exs, Ghotawade Tal: Mulshi Distt: Pune, 26-02-2014 (ENT-1/1881). 1ex, Vill: Ashoknagar, Tal: Roha, 20-12-2012 (ENT-1/1756), 1ex, Kajuwadi & around Nr. Phansad WLS Distt: Raigad, 20-02-2013 (ENT-1/1775), 1ex, Forest R/H Tal: Peth Distt: Nasik, Coll: R Bano & Pty, 23-10-2013 (ENT-1/1799), 4exs, PWR RH, Tal: Jawhar Distt: Thane, 27-10-2013 (ENT-1/1802), All other examples (except as indicated) collected by PS Bhatnagar & pty.

Distribution: Almost throughout India. **Elsewhere:** Pakistan, Nepal, Bangladesh, Sri Lanka, Widespread in the Orient, Micronesia, Australia.

Genus *Hippodamia* Chevrolat, in Dejan, 1836

8. *Hippodamia variegata* (Goeze, 1777)

1777. *Cocinella variegata* Goeze, *Entomologische Beyträge*, I.

1976. *Hippodamia variegata* Belicek. *Quaestiones Entomologicae*, 12(4): 283-409.

Diagnosis:

Shape: small elongate-oval body measuring 4 to 5 mm.

Colour: It has orangish to red colour. It has red elytra with 3 to 15 black spots which are sometimes fused together and tend to be concentrated to the rear.

Head: Head smaller than pronotum and has antenna.

Pronotum: The white pronotum is mostly covered with black pattern.

Dots on Dorsum (Morpho-taxonomic importance of dots and lines):

Ventrum: Ventral surface black except propleuron and meso- and metepimera yellow, tibia often yellow or partially so.

Material examined: 3exs, Kajuwadi & around Tal: Bohigar, 20-02-2013 (ENT-1/1673), 8exs, Khandala Tal: Alibag, 22-02-2013 (ENT-1/1776), 03exs, Kajuwadi & around Nr. Phansad WLS Distt: Raigad, 20-02-2013 (Ent-1/1906), 4exs, Vill: Kurungwadi Tal: Velhe, 21-02 -2014 (ENT-1/1703), 3exs, Ravet, Akurdi Tal : Haveli, 09-03-2013 (ENT-1/1777), 1ex, Kasarsai dam & around Tal: Haveli, Coll: M.J. Jhadav & P.D. Saha, 06-12-2013 (ENT-1/1806), 5exs, Vill: Bhatti Tal : Valhe, 21-02 -2014 (ENT-1/1849), 9exs, Vill: Bhor Tal Swapnanagari, 21-02 -2014 (ENT-1/1851), 15exs, Ghotwade Tal: Mulshi, 26-02 -2014 (ENT-1/1882), 1ex, Disli Tal: Mulshi, 26-02 -2014 (ENT-1/1883), 1ex, 26-02-2014 (ENT-1/1884), 11ex, Village: Aajiwali Tal: Maval, 26-02-2014 (ENT-1/1885), 1ex, Shinvali Tal: Mulshi, 26-02 -2014 (ENT-1/1886), 3exs, Shere Tal: Mulshi, 26-02 -2014 (ENT-1/1887), 02exs, Vill: Kurungwadi Tal: Sakri Distt: Pune, 21-02-2014 (Ent-1/1917), 1ex, (W. Ghats: Thane, A'nagar & Nashik Surv.) Dhamangaon Tal: Akole Distt: Ahmednagar, 28-09-2013 (ENT-1/1791), 1ex, Bardipada, 25-12-2013 (ENT-1/1814), 1ex, Vill: Kakrakhunt Tal: Sakri, 26-12-2013 (ENT-1/1822), 6exs, Bardipada Tal: Sakri, 07-01-2014 (ENT-1/1831), 1ex, Vill: Aamli Tal: Sakri, Coll: R. Bano & Pty, 25-12-2013 (Ent-1/1902), 1ex, Vill: Maalpur Tal: Sakri Distt: Dhule, Coll: R Bano & Pty, 24-12-2013 (Ent-1/1903), 3exs, Vill: Ganagnbawda, Coll: M.J. Jhadav, 26-08-2013 (ENT-1/1780), 1ex, Bagbile Tal: Panhala, 15-09-2012 (Ent-1/1901), 1ex, Vill: Margewadi Tal: Ganganbawda Distt: Kolhapur, 14-09-2012 (Ent-1/1904), 1ex, Vill: Toshegarh Distt: Kolhapur, 06-09-2012 (Ent-1/1905), 01ex, Vill: Pangeri Tal: Bhudargad Distt: Kolhapur, 13-09-2012 (Ent-1/1909), 01ex, Panhala Fort Tal: Panhala Distt: Kolhapur, Coll:

P.S. Bhatnagar, (Ent-1/1911), 01ex, Pyartondi river Vill: Shindehati Tal: Peth Distt: Nasik, Coll: R.Bano & Pty, 28-10-2013 (Ent-1/1910),. All other examples (except as indicated) collected by PS Bhatnagar & pty.

Distribution: Jammu & Kashmir, Uttar Pradesh, Himachal Pradesh, Maharashtra. *Elsewhere:* Nepal, Pakistan, Afghanistan, Mongolia, China, Northern and Eastern Africa, Palaearctic.

Genus *Micraspis* Chevrolat, in Dejan, 1836

9. *Micraspis discolor* (Fabricius, 1798)

1798. *Coccinella discolor* Fabricius, *entomologicae systematicae*. Hafniae.

1965. *Micraspis discolor* Kamiya. *Mem. Fac. Liberal Arts Fukui Univ., Ser. 2, Nat. Sci., 5: 27-71.*

Diagnosis:

Shape: Body is hemispherical, glabrous and size is small.

Colour: Dorsum orange brown/yellowish, frons sometimes with a black spot.

Head: Distinctly wider than half of pronotum. Frons about half the head, parallel sides; surface of frons nearly flat, shagreened and finely punctured. Post- antennal emargination of the eye deep and narrow.

Pronotum: Pronotum about three-fifths as wide as body width. Lateral side and basal corners of pronotum rounded. Surface of pronotum rather densely punctured.

Dots on Dorsum (Morpho - taxonomic importance of dots and lines): Punctuation of elytra distinctly sparser than that of pronotum. Elytron with very narrow black sutural area.

Ventrum: Prosternal carinae reaching half of prosternal length.

Material examined: 05exs, Borvihir Tal: Navapur, 08-01-2014 (Ent-1/1707), 7exs, (W. Ghat Surv.: Dhule & Nandurbar Jan '2014) Takripada, near Bari, Tal: Navapur, 08-01-2014 (ENT-1/1834), 29 exs, (W. Ghat Surv.: Dhule & Nandurbar Jan '2014) Thanepada near Bari Tal: Navapur, 09-01-2014 (ENT-1/1838), 11ex, (W. Ghat Surv.: Dhule & Nandurbar Jan '2014) Kolada, 9 kms N. of Nandurbar, Tal: Nandurbar, 09-01-2014 (ENT-1/1839), 34exs, Barhadipada &

Vicinity Tal: Navapur Distt: Nandurbar, 10-01-2014 (ENT-1/1846), 28 exs, Bhor (Swapnanagari), 21-02-2014 (ENT-1/1704), 29 exs, Vill: Bhor Tal: Swapnanagri, 21-02-2014 (ENT-1/1853), 1ex, Vill: Kurungwadi, Tal: Velhe, 21-02-2014 (ENT-1/1854), 3exs, 26-02-2014 (ENT-1/1890), 1ex, Ghotawade Mulshi Distt: Pune, 26-02-2014 (ENT-1/1891), 1ex, Mhaisal & around, Tal Miraj, Distt: Sangli, 10-09-2012 (ENT-1/1739), 20 exs, Adali Tal: Vengurla, 21-12-2012 (ENT-1/1465), 10 exs, Vill: Koegaon Tal: Sawantwadi, 21-12-2012 (ENT-1/1675), 80exs, Kudal, 21-12-2012 (ENT-1/1640), 1ex, Narange Tal: Devgad, 22-12-2012 (ENT-1/1758), 3exs, Kasal, 22-12-2012 (ENT-1/1620), 43exs, Rest house & around Vill: Aakari Distt: Sindhudurg, 23-12-2012 (ENT-1/1616), 1ex, (W. Ghats: Thane, A'nagar & Nashik Surv.) Kothe Khurd, Tal: Sangamner, Distt: Ahmednagar, 28-09-2013 (ENT-1/1793), 1ex, Forest RH Tal: Peth, Distt: Nashik, Coll: R Bano & Pty, 23-10-2013 (ENT-1/1800), 1ex, PWD RH Jawhar, Distt: Thane, 27-10-2013 (ENT-1/1801), 57exs, Bardipada & Vicinity Tal:Sakri, 07-01-2014 (Ent-1/1693), 6 exs, Vill: Charanmal Tal: Sakri, 08-01-2014 (ENT-1/1706), 9exs, Ner, Tal: Dhule, Coll: R. Bano & Pty, 24-12-2013 (ENT-1/1810), 11ex, Bardipada, 25-12-2013 (ENT-1/1816), 4exs, Pimpal gaon Khurd Tal: Sakri, Coll: R. Bano & Pty, 26-12-2013 (ENT-1/1818), 8exs, Vill: Paankheda Tal: Sakri, Coll: R. Bano & Pty, 26-12-2013 (ENT-1/1821), 19 exs, Vill: Kakrakhunt, Tal: Sakri, 26-12-2013 (ENT-1/1823), 29 exs, (W. Ghat Surv.: Dhule & Nandurbar Jan '2014) Chinchpade 2Km S of Dahiwel Tal: Sakri, 10-01-2014 (ENT-1/1842), 11exs, Vill: Supada Tal: Sakri Distt: Dhule, 07-01-2014 (Ent-1/1914). All examples collected by PS Bhatnagar & pty.

Distribution: Distribution: India. *Elsewhere:* Bangladesh. Sri Lanka. Pakistan. Almost throughout the Orient. Palaearctic.

Genus *Phrynocaria* Timerlake, 1943

10. *Phrynocaria eberti* (Bielawski, 1972)

1972. *Coelophora eberti* Bielawski, *Fragm. Faun.*, **18**: 283-312.

1985. *Phrynocaria eberti* Miyatake, *Insecta Matsumurana (New Series)*, **30**: 1-33.

Shape: Broadly oval, medium to large sized body, elytra convex, glabrous.

Colour: orangish with black dots

Head: Antenna 11-segmented, shorter than head capsule with compact 3-segmented club. Terminal maxillary palpomere securiform. Eyes large and very narrowly separated.

Pronotum: Pronotal disc evenly convex transversely to narrowly upturned external borders. Prosternal process with distinct carinae extending anteriorly.

Dots on Dorsum (Morpho – taxonomic importance of dots and lines): ten or more.

Ventrum: Abdominal post-coxal line not recurved, incomplete laterally, without oblique additional line.

Material examined: 1ex, Rondha Tal: Akole, Coll : P.S. Bhatnagar & Pty, 27-09-2013 (ENT-1/1786), 170 exs, Randha Falls Tal: Akole Distt: Ahmednagar, Coll: R. Bano & Pty, 19-10-2013 (ENT-1/1797).

Distribution: Widespread, *Elsewhere:* Nepal.

11. *Phrynocaria perrotteti* (Mulsant, 1850), comb. Nov.

1850. *Coelophora perrotteti* Mulsant, *Spec. Trim. Securipalp.*, **2**(2): 1-1104.

1982. *Anegleis (Pseudanegleis) perrotteti* Iablokoff-Khonorain, Les Coccinelles Coléoptères-Coccinellidae Tribu Coccinellini des régions Palearctique et Orientale. Boubée, Paris.

Diagnosis:

Shape: Broadly oval, medium to large sized body, elytra convex, glabrous.

Colour: reddish.

Head: Antenna 11-segmented, shorter than head capsule with compact 3- segmented club. Terminal maxillary palpomere securiform. Eyes large and narrowly separated.

Pronotum: Pronotal hypomeron with distinct anterior fovea.

Dots on Dorsum (Morpho – taxonomic importance of dots and lines): Elytra iridescent.

Dots may or may not be present. Elytral epilema foveate at level of mid and hind coxae.

Ventrum: Abdominal post-coxal line not recurved, incomplete laterally, without oblique additional line.

Material examined: 1ex, Bhandadra forest R/H Distt: Nasik, Coll: R Bano & Pty, 18-10-2013 (ENT-1/1796).

Distribution: Pondicherry, Tamil Nadu, Karnataka, Madhya Pradesh, Orissa, Punjab.

Genus *Propylea* Mulsant, 1846

12. *Propylea dissecta* (Mulsant, 1850)

1850. *Lemnia (Vola) dissecta* Mulsant, *Spec. Trim. Securipalp.*, 2(2): 1-1104.

1874. *Propylaea dissecta* Crotch, A revision of the Coleopterous Family Coccinellidae, E.W. Janson, London.

Diagnosis:

Shape: elongate, convex

Colour: yellowish with black spots

Head: yellow with black colour. Smaller than pronotum.

Pronotum: yellow or cream colour with black spots or trapezium or crown mark.

Dots on Dorsum (Morpho – taxonomic importance of dots and lines): A pair of prominent black spots on posterior side of elytra. Mid-dorsal line of junction of elytra black.

Ventrum: Body black from below. Epipleura well developed and pale-yellow.

Material examined: 2 exs, near ISKON Temple Ravet, Akurdi, 01-09-2012 (Ent-1/1463), 4exs, Nr. ISKON Temple Ravet Vill: Akurdi, 01-09-2012 (ENT-1/1724), 1ex, Disli Mulshi, 26-02-2014 (ENT-1/1888), 1ex, Ghotawade, 26-02-2014 (ENT-1/1889). 4 exs, Dongarwadi Tamini Ghat Distt: Pune, Coll: Manoj Jhadav & Pty, 12-10-2012 (ENT-1/1753), 2exs, Mhaisal & around, Tal Miraj, 10-09-2012 (ENT-1/1738), 1ex, Nehrunagar Tal: Tasgao, 11-09-2012 (ENT-1/1742), 1ex, Kudal phata Tal: Tasgaon Distt: Sangli, 11-09-2012 (ENT-1/1746), 4 exs, Shidhanerale Tal: Kagal, 13-09-2012 (ENT-1/1748), 4 exs, Margewadi Tal: Gaganbawada, 14-09-2012 (ENT-1/1750), 1ex,

Vakri phata Tal: Karvir Distt: Kolhapur, 14-09-2012 (ENT-1/1751), 2exs, Kasal Tal: Sindhudurg, 22-01-2012 (ENT-1/1722), 1ex, Kasal, Tal: Sindhudurg Distt: Sindhudurg, 22-12-2012 (ENT-1/1761), 1ex, Palasasunrdhi Tal: Mokhada, 26-09-2013 (ENT-1/1785), 1ex, Kashwali Jawhar Distt : Thane, Coll: R. Bano & Pty, 28-10-2013 (ENT-1/1803), 1ex, Kurnoli Tal: Igatpuri Distt: Nasik, 29-09-2013 (ENT-1/1794), 3 exs, Vill: Kakrakhunt Tal: Sakri Distt: Dhule, 26-12-2013 (ENT-1/1826), All other examples (except as indicated) collected by PS Bhatnagar & pty.

Distribution: Assam, Tamil Nadu, Karnataka, UttarPradesh. *Elsewhere*: Bangladesh, Nepal.

Tribe PSILLOBORINI

Genus *Psyllobora* Chevrolat, in Dejan, 1836

13. *Psyllobora bisoetonotata* (Mulsant, 1850)

1850. *Vibidia bisoetonotata* Mulsant, *Spec. Trim. Securipalp.*, 2(2): 1-1104.

1982. *Psyllobora bisoetonotata* Iablokoff-Khnzorian, Les Coccinelles Coléoptères-Coccinellidae Tribu Coccinellini des regions Palearctique et Orientale. Boubée, Paris.

Diagnosis:

Shape: oval, convex.

Colour: yellowish with eight black spots on elytra.

Head: small with eyes on lateral sides of head.

Pronotum: It has brownish marks.

Dots on Dorsum (Morpho – taxonomic importance of dots and lines): Eight black dots on elytra.

Ventrum: The abdominal width is more than the abdominal length.

Material examined: 1ex, (W. Ghat Surv.: Dhule & Nandurbar Jan '2014) Thanepade, Tal: Nandurbar, Distt: Nandurbar, 09-01-2014 (ENT-1/1840), 10 exs, Barhadipada & Vicinity, Tal: Navapur, Distt: Nandurbar, 10-01-2014 (ENT-1/1848), 2exs, Chinchpade, 2Km South of Dahiwel, Tal: Sakri, Distt: Dhule, 10-01-2014 (ENT-1/1845), All examples collected by PS Bhatnagar & pty.

Distribution: Punjab, Uttar Pradesh, Karnataka. *Elsewhere*: Pakistan.

Subfamily EPILACHNII

Tribe EPILACHNINI

Genus *Henosepilachna* Li14. *Henosepilachna vigintioctopunctata*

(Fabricius, 1775)

1775. *Coccinella 28-punctata* Fabricius, *Systema Entomologiae*.2003. *Henopilachna vigintioctopunctata* Jadwiszczak & Wegrzynowicz, World Catalogue of Coccinellidae. Part I Epilachninae.*Shape*: Body usually oval, dorsum strongly convex.*Colour*: Reddish brown*Head*: Head including antennae and mouth parts quite reddish.*Pronotum*: Fundamentally with seven black spots but both discal spots often fused with each other forming a single marking, and preapical spot often very small or absent; sublateral and lateral spots sometimes fused with.*Dots on Dorsum (Morpho – taxonomic importance of dots and lines)*: Elytra fundamentally provided with fourteen black spots (1-6 persistent and a to h non-persistent of Dieke, 1947)*Ventrum*: Ventral side largely reddish.*Material examined*: 1ex, Mahisal & around Tal: Miraj Distt: Sangli, Coll: P.S. Bhatnagar & Pty, 10-09-2012 (ENT-1/1740), 1ex, Vill: Ganagnawda Distt: Kolhapur, Coll: M.J. Jhadav, 26-08-2013 (ENT-1/1778).*Distribution*: India. *Elsewhere*: Sri Lanka, Pakistan, Nepal, Bhutan, Myanmar, Thailand, Vietnam, Philippines, Indonesia, Indonesia, Japan, China, New Guinea, Fiji, Solomon Islands, Australia. *Elsewhere*: Sri Lanka, Pakistan, Nepal, Bhutan, Myanmar, Thailand, Vietnam, Philippines, Indonesia, Japan, China, New Guinea, Fiji, Solomon Islands, Australia.

Tribe SCYMINI

15. *Cryptolaemus montroussieri* Mulsant, 18531853. *Cryptolaemus montroussieri* Mulsant, Supplément à la monographie des coléoptères trimères sécuripalpes. *Ann. de la Soc. Linn. de Lyon (N.S.)*, 1: 129-333.*Diagnosis*:*Shape*: Body elongate-oval.*Colour*: Head and pronotum orange. Elytra are black in colour with apices of orange colour.*Head*: Head partially withdrawn into prothorax, hypognathous. Eyes slightly emarginate.*Pronotum*: Anterior angles of pronotum not thickened and are not sharp, smooth lateral edges. Hind border not margined or with a fine groove in front of scutellum only.*Dots on Dorsum (Morpho – taxonomic importance of dots and lines)*: Dorsum uniformly hairy.*Ventrum*: Prosternum very long in front of coxae and covers head from below. Prosternal process narrow with distinct carine reaching about half of prosternum.*Material examined*: 1ex, Grapefarm Tal: Manjri Distt: Pune, Coll: A Bhosle, 15-03-2014 (Ent-1/1862).*Distribution*: Native of Indo-Australian region. Introduced into India and other countries like USA and UK.

Tribe STETHORINI

Genus *Stethorus* Weise, 188516. *Stethorus rani* Kapur, 19481948. *Stethorus rani* Kapur, *Bull. Entomol. Res.*, 39: 297-320.*Shape*: Body short, elongate, oval.*Colour*: Blackish..*Head*: Head not pigmented dorsolaterally*Dots on Dorsum (Morpho – taxonomic importance of dots and lines)*: dorsal setae simple. Dorsum nearly entirely black.*Pronotum*: Pronotum dorsally does not cover head.*Ventrum*: Prosternum moderately long in front of coxae, arcuate and somewhat prominent medially; prosternal process narrow without distinct carinae, ventral side hairy.*Material examined*: 2exs, Grape farm Tal: Manjri Distt: Pune, Coll: A. Bhosle, 15-03-2014 (Ent-1/1850)*Distribution*: Stethorinae tribe is practically cosmopolitan.

SUMMARY

The present paper deals with over 1500 examples of 16 species of 14 Genera of Coccinellidae from northern-western ghats region of 13 districts of Maharashtra.

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