

Pardosa distincta (Blackwall, 1846)

FAMILY: LYCOSIDAE Sundevall, 1833

Genus: *Pardosa* C. L. Koch, 1847

Species: *Pardosa distincta* (Blackwall, 1846)

Author of this page: **Shorthouse, David P.**

Page complete and awaiting review

General Comments: This species is distributed from British Columbia to Nova Scotia, south to Arizona and Connecticut (Dondale & Redner, 1990).

Common Names

Family Common Name: wolf spiders

Genus Common Name: thinlegged wolf spiders

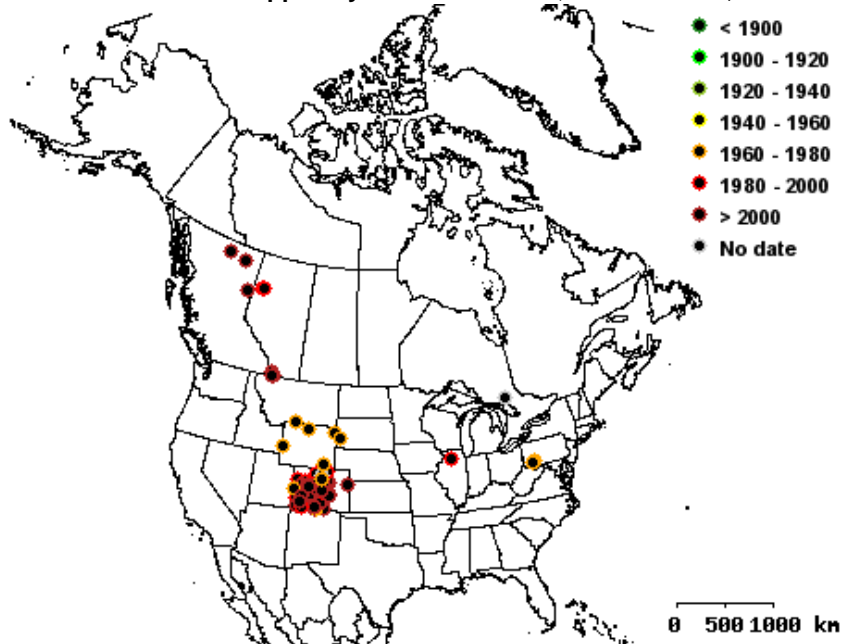
Species Common Name: none

Distribution

Global Distribution: USA, Canada

Nearctic States & Provinces: (from the Nearctic Spider Database) AB BC ON CO IL MT NH PA SC SD WY

Collection Locales Mapped by Year Collected: (from the Nearctic Spider Database)



Natural History, Phenology & Image(s)

Feeding Guild:[‡] ground runners

[‡]Feeding guild when noted defined by Uetz, G. W., J. Halaj, and A. B. Cady. 1999. Guild structure of spiders in major crops. *Journal of Arachnology* 27:270-280.

Recorded Habitats: fields, pastures, meadows, bogs, wheat fields, orchards, grassy clearings in woods, less frequent in deciduous and coniferous woods, sand dunes, beaches, quarries

Life & Natural History: Adult males have been collected from April to late August and adult females from April to mid October. Egg sacs have been retrieved or observed from mid June to mid October. Mating behaviour has been described by Kaston (1936).

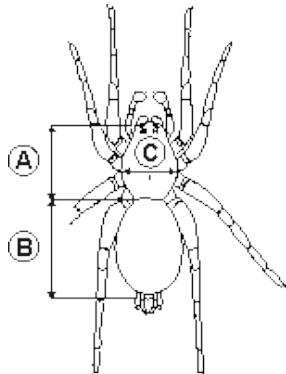
Image(s) of Habitus: (images not yet available)

Details About Males

Description: Carapace, abdomen and chelicerae are black though paler in Eastern specimens. The median and submarginal bands are

indistinct and yellow to orange. Legs are yellow to pale orange. Femora, patellae, and bases of tibiae are black. The abdominal heart mark is often large, though indistinct. **Palp:** black to dark yellow with hairy tibia; terminal apophysis small; median apophysis with long, flat, and curved distal process and a small, hooked basal process (Dondale & Redner, 1990).

Male Dimensions:



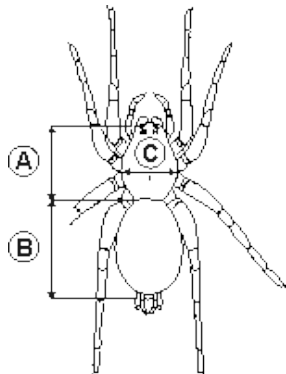
A+B = 4.71 mm A = 2.43 mm C = 1.66 mm

Image of External Male Genitalia: (image not yet available)

Details About Females

Description: Paler than male. Median and submarginal bands on carapace are pale, broad, and distinct. **Epigynum:** hood prominent with 1 broad and shallow cavity; median septum very prominent with a slender, tapered anterior end and a broad, rounded posterior end.

Female Dimensions:



A+B = 5.39 mm A = 2.49 mm C = 1.73 mm

Image of Epigynum: (image not yet available)

Descriptions Source:

Dondale, C. D. & J. H. Redner. 1990. The insects and arachnids of Canada, Part 17. The wolf spiders, nurseryweb spiders, and lynx spiders of Canada and Alaska, Araneae: Lycosidae, Pisauridae, and Oxyopidae. *Research Branch, Agriculture Canada, Publ. 1856:* 1-383.

Synonyms and Chresonyms[†]

Lycosa distincta Blackwall 1846
Pardosa distincta Blackwall 1846
Pardosa pallida Emerton 1885
Pardosa pallida Emerton 1902
Pardosa pallida Montgomery 1903
Pardosa emertoni Chamberlin 1908
Pardosa emertoni Comstock 1912
Pardosa distincta Gertsch 1934
Pardosa distincta Gertsch & Wallace 1935
Pardosa emertoni Comstock 1940
Pardosa distincta Kaston 1948
Pardosa distincta Vogel 1964

Pardosa distincta Dondale & Redner 1990

Pardosa distincta Paquin & Dupérré 2003

Pardosa distincta Vogel 2004

Taxonomic References[†]

- Blackwall, J. 1846. Notice of spiders captured by Professor Potter in Canada, with descriptions of such species as appear to be new to science. *Ann. Mag. nat. Hist.* **17**: 30-44, 76-82.
- Chamberlin, R. V. 1908. Revision of North American spiders of the family Lycosidae. *Proc. Acad. nat. Sci. Philad.* **60**: 158-318.
- Comstock, J. H. 1940. *The spider book, revised and edited by W. J. Gertsch*. Cornell Univ. Press, Ithaca, xi + 727 pp.
- Comstock, J. H. 1912. *The spider book; a manual for the study of the spiders and their near relatives, the scorpions, pseudoscorpions, whipscorpions, harvestmen and other members of the class Arachnida, found in America north of Mexico, with analytical keys for their classification and popular accounts of their habits*. Garden City, New York, pp. 1-721
- Dondale, C. D. & J. H. Redner. 1990. The insects and arachnids of Canada, Part 17. The wolf spiders, nurseryweb spiders, and lynx spiders of Canada and Alaska, Araneae: Lycosidae, Pisauridae, and Oxyopidae. *Research Branch, Agriculture Canada, Publ.* **1856**: 1-383.
- Emerton, J. H. 1902. *The common spiders of the United States*. Boston, pp. 1-225.
- Emerton, J. H. 1885. New England Lycosidae. *Trans. Conn. Acad. Arts Sci.* **6**: 481-505.
- Gertsch, W. J. 1934. Notes on American Lycosidae. *Amer. Mus. Novit.* **693**: 1-25.
- Gertsch, W. J. & H. K. Wallace. 1935. Further notes on American Lycosidae. *Amer. Mus. Novit.* **794**: 1-22.
- Kaston, B. J. 1948. Spiders of Connecticut. *Bull. Conn. St. geol. nat. Hist. Surv.* **70**: 1-874.
- Montgomery, T. H. 1903. Supplementary notes on spiders of the genera *Lycosa*, *Pardosa*, *Pirata*, and *Dolomedes* from the northeastern United States. *Proc. Acad. nat. Sci. Philad.* **55**: 645-655.
- Paquin, P. & N. Dupérré. 2003. Guide d'identification des araignées de Québec. *Fabriques, Suppl.* **11** 1-251.
- Vogel, B. R. 2004. A review of the spider genera *Pardosa* and *Acantholycosa* (Araneae, Lycosidae) of the 48 contiguous United States. *J. Arachnol.* **32**: 55-108.
- Vogel, B. R. 1964. A taxonomic revision of the *distincta* group of the wolf spider genus *Pardosa* in America north of Mexico (Araneida, Lycosidae). *Postilla* **82**: 1-30.

[†]Nomenclature and taxonomic references from the World Spider Catalog accessible at <http://research.amnh.org/entomology/spiders/catalog/LYCOSIDAE.html>

Natural History References

- Dondale, C. D. & J. H. Redner. 1990. The insects and arachnids of Canada, Part 17. The wolf spiders, nurseryweb spiders, and lynx spiders of Canada and Alaska, Araneae: Lycosidae, Pisauridae, and Oxyopidae. *Research Branch, Agriculture Canada, Publ.* **1856**: 1-383.

Other Nearctic Members of Genus *Pardosa* C. L. Koch, 1847[‡] †

- P. agrestis* (Westring, 1861)Palearctic
P. albomaculata Emerton, 1885USA, Canada, Alaska, Greenland
P. algens (Kulczynski, 1908)Canada, Alaska, Russia
P. altamontis Chamberlin & Ivie, 1946USA, Canada
P. anomala Gertsch, 1933USA, Canada
P. atlantica Emerton, 1913USA
P. atrata (Thorell, 1873)Palearctic
P. bellona Banks, 1898USA, Mexico
P. beringiana Dondale & Redner, 1987Canada, Alaska
P. bifasciata (C. L. Koch, 1834)Palearctic
P. blanda (C. L. Koch, 1833)Palearctic
P. bucklei Kronestedt, 1975USA, Canada
P. californica Keyserling, 1887USA, Mexico
P. coloradensis Banks, 1894USA, Canada, Alaska

P. concinna (Thorell, 1877)USA, Canada
P. confusa Kronestedt, 1988USA
P. crassistyla Kronestedt, 1988USA
P. delicatula Gertsch & Wallace, 1935USA, Mexico
P. diuturna Fox, 1937Canada, Alaska
P. dorsalis Banks, 1894USA, Canada
P. dorsuncata Lowrie & Dondale, 1981USA, Canada, Alaska
P. dromaea (Thorell, 1878)USA, Canada
P. eiseni (Thorell, 1875)Palearctic
P. falcifera F. O. P.-Cambridge, 1902USA to Costa Rica
P. ferruginea (L. Koch, 1870)Palearctic
P. floridana (Banks, 1896)USA, Cuba
P. fulvipes (Collett, 1876)Palearctic
P. furcifera (Thorell, 1875)Canada, Alaska, Greenland, Iceland
P. fuscula (Thorell, 1875)USA, Canada, Alaska
P. glacialis (Thorell, 1872)Holarctic
P. gothicana Lowrie & Dondale, 1981USA
P. groenlandica (Thorell, 1872)USA, Canada, Alaska, Greenland
P. hetchi Chamberlin & Ivie, 1942USA
P. hortensis (Thorell, 1872)Palearctic
P. hyperborea (Thorell, 1872)Holarctic
P. josemitensis (Strand, 1908)USA
P. knappi Dondale, 2007USA
P. labradorensis (Thorell, 1875)USA, Canada
P. lapidicina Emerton, 1885USA, Canada
P. lapponica (Thorell, 1872)Holarctic
P. lasciva L. Koch, 1879Palearctic
P. littoralis Banks, 1896USA, Canada, Cuba
P. lowriei Kronestedt, 1975USA, Canada, Alaska
P. luctinosa Simon, 1876Palearctic
P. lugubris (Walckenaer, 1802)Palearctic
P. mackenziana (Keyserling, 1877)USA, Canada, Alaska
P. mercurialis Montgomery, 1904USA
P. metlakatla Emerton, 1917USA, Canada, Alaska
P. milvina (Hentz, 1844)USA, Canada
P. mixta (Kulczynski, 1887)Palearctic
P. modica (Blackwall, 1846)USA, Canada
P. moesta Banks, 1892USA, Canada, Alaska
P. montgomeryi Gertsch, 1934USA, Mexico
P. monticola (Clerck, 1757)Palearctic
P. mulaiki Gertsch, 1934USA, Canada
P. nebulosa (Thorell, 1872)Palearctic
P. nigra (C. L. Koch, 1834)Palearctic
P. nordicolens Chamberlin & Ivie, 1947Canada, Alaska, Russia
P. ontariensis Gertsch, 1933USA, Canada
P. orophila Gertsch, 1933USA, Mexico
P. orthodox Chamberlin, 1924USA, Mexico
P. ourayensis Gertsch, 1933USA
P. paludicola (Clerck, 1757)Palearctic
P. palustris (Linnaeus, 1758)Holarctic
P. palustris islandica (Strand, 1906)Iceland
P. parvula Banks, 1904USA
P. pauxilla Montgomery, 1904USA
P. pedia Dondale, 2007Canada
P. plumipes (Thorell, 1875)Palearctic
P. podhorskii (Kulczynski, 1907)Canada, Alaska, Russia
P. prosaica Chamberlin & Ivie, 1947Russia, Alaska, Canada
P. proxima (C. L. Koch, 1847)Palearctic, Canary Is., Azores
P. rainieriana Lowrie & Dondale, 1981USA, Canada
P. ramulosa (McCook, 1894)USA, Mexico
P. riparia (C. L. Koch, 1833)Palearctic
P. saltonia Dondale & Redner, 1984USA, Mexico
P. saxatilis (Hentz, 1844)USA, Canada
P. schenkeli Lessert, 1904Palearctic
P. septentrionalis (Westring, 1861)Northern Palearctic
P. sierra Banks, 1898USA, Mexico
P. sinistra (Thorell, 1877)USA, Canada

P. sodalis Holm, 1970Canada, Alaska, Russia
P. sordidata (Thorell, 1875)Palearctic
P. sternalis (Thorell, 1877)North America
P. steva Lowrie & Gertsch, 1955North America
P. tatarica (Thorell, 1875)Palearctic
P. tesquorum (Odenwall, 1901)Russia, Mongolia, China, USA, Canada, Alaska
P. tetonensis Gertsch, 1933USA
P. tristis (Thorell, 1877)USA, Canada
P. tuoba Chamberlin, 1919USA
P. uintana Gertsch, 1933USA, Canada, Alaska
P. uncata (Thorell, 1877)USA
P. utahensis Chamberlin, 1919USA
P. vadosa Barnes, 1959USA, Mexico
P. valens Barnes, 1959USA, Mexico
P. vancouveri Emerton, 1917USA, Canada
P. vogelae Kronestedt, 1993USA
P. wagleri (Hahn, 1822)Palearctic
P. wasatchensis Gertsch, 1933USA
P. wyuta Gertsch, 1934USA, Canada
P. xerampelina (Keyserling, 1877)USA, Canada, Alaska
P. xerophila Vogel, 1964USA, Mexico
P. yavapa Chamberlin, 1925USA
P. zionis Chamberlin & Ivie, 1942USA

‡ May also include species with Palearctic distribution

Page Reference:

Shorthouse, David P. *submitted*. Taxonomic and natural history description of FAM: LYCOSIDAE, *Pardosa distincta* (Blackwall, 1846). In: The Nearctic Spider Database. David P. Shorthouse (editor). World Wide Web electronic publication. Direct link: <http://www.canadianarachnology.org/data/spiders/18617> (Accessed: 7/20/2008 9:18:06 PM).

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