

CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES
OF WILD FAUNA AND FLORA

Nomenclature Committee (Fauna)
Geneva (Switzerland), 23 May 2005

DRAFT

Taxonomic Checklist of CITES listed Spider Species



Information extracted from

PLATNICK, N. (2005)
"The World Spider Catalog"
V. 5.5 (as of February 24 2005)

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Taxonomic Checklist of CITES listed Spider Species

<http://research.amnh.org/entomology/spiders/catalog/THERAPHOSIDAE.html>

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Species listed by CITES:

Aphonopelma albiceps
Aphonopelma pallidum
Brachypelma albopilosum
Brachypelma andrewi
Brachypelma angustum
Brachypelma annitha
Brachypelma auratum
Brachypelma aureoceph
Brachypelma baumgarteni
Brachypelma boehmei
Brachypelma embrithes
Brachypelma emilia
Brachypelma epicuraneum
Brachypelma fossorium
Brachypelma hamorii
Brachypelma klaasi
Brachypelma ruhnaui
Brachypelma sabulosum
Brachypelma schroederi
Brachypelma smithi
Brachypelma vagans
Brachypelma verdezi

Aphonopelma Pocock, 1901

Aphonopelma albiceps (Pocock, 1903).....Mexico

Eurypelma pallidum F. O. P.-Cambridge, 1897a: 21, pl. 1, f. 17 (f, misidentified).

Brachypelma albiceps Pocock, 1903b: 103 (Df).

A. a. Smith, 1995: 70, f. 76-82 (removed f from S of *A. pallidum*).

A. a. Peters, 2000a: 23, f. 43 (f).

A. a. Peters, 2003: 32, f. 107 (f).

Aphonopelma pallidum (F. O. P.-Cambridge, 1897).....Mexico

Eurypelma p. F. O. P.-Cambridge, 1897a: 21, pl. 1, f. 17 (Dm; not f, = *A. albiceps*).

Brachypelma p. Smith, 1986b: 50, f. 30h (Tm from *Eurypelma* = *Avicularia*).

Brachypelma p. Smith, 1987d: 50, f. 30h (m).

A. p. Smith, 1993a: 14 (Tm from *Brachypelma* = *Euathlus* per Raven).

A. p. Smith, 1995: 127, f. 549-559 (m).

A. p. Peters, 2000a: 38, f. 102 (m).

A. p. Peters, 2003: 63, f. 237-238, 242, 244 (m).

Brachypelma Simon, 1891

Brachypelma albopilosum Valerio, 1980.....Costa Rica

B. albopilosa Valerio, 1980a: 270, f. 20-24, 35 (Dmf).

B. albopilosa Hancock & Hancock, 1989: 43, f. 38 (f).

B. a. Schmidt, 1992a: 10, f. 3-7 (Tmf from *Euathlus*).

B. a. Schmidt, 1993d: 82, f. 189 (f).

B. a. Schmidt, 1997g, 1998h: 19, f. 194 (f).

B. a. Peters, 2000a: 62, f. 197 (f).

B. a. Rudloff, 2003: 8, f. 22-25, 37, 40 (mf).

B. a. Peters, 2003: 105, f. 415-417 (mf).

Brachypelma andrewi Schmidt, 1992.....Unknown

Euathlus truculentus Smith, 1992a: 18, f. 1-12 (m, misidentified).

B. a. Schmidt, 1992c: 13, f. 6-7 (Dm).

Euathlus truculentus Schmidt, 1997g: 16, f. 81 (m; N.B.: correction of figure legend to *B. andrewi* is per Schmidt).

B. a. Peters, 2003: 106, f. 420A, 421 (m).

Brachypelma angustum Valerio, 1980.....Costa Rica

B. angusta Valerio, 1980a: 269, f. 19 (Df).

B. a. Schmidt, 1992a: 10, f. 8 (Tf from *Euathlus*).

B. a. Schmidt, 1993d: 82, f. 192 (f).

B. a. Schmidt, 1997g, 1998h: 19, f. 197 (f).

B. a. Peters, 2000a: 63, f. 201 (f).

B. a. Peters, 2003: 107, f. 424 (f).

Brachypelma annitha Tesmoingt, Cleton & Verdez, 1997.....Mexico

B. a. Tesmoingt, Cleton & Verdez, 1997a: 9, pl. 1-6 (Dmf; N.B.: specific name considered a noun in apposition rather than a patronym).

B. a. Tesmoingt, Cleton & Verdez, 1997b: 2, pl. 7-8, 11 (m).

B. a. Peters, 2000a: 64, f. 205-207 (mf).

B. a. Peters, 2003: 108, f. 428, 435-436 (mf).

***Brachypelma auratum* Schmidt, 1992.....Mexico**

- B. a.* Schmidt, 1992d: 9, f. 1, 3 (Dmf).
B. a. Schmidt, 1993d: 82, f. 187 (f).
B. a. Smith, 1995: 160, f. 851-866 (mf).
B. a. Tesmoingt, Cleton & Verdez, 1997a: 9, pl. 2, f. 5 (f).
B. a. Schmidt, 1997g, 1998h: 19, f. 192 (f).
B. a. Locht, Yáñez & Vázquez, 1999: 196, f. 6 (f).
B. a. Peters, 2000a: 65, f. 210-211 (mf).
B. a. Peters, 2003: 110, f. 439-440, 443, 446-447 (mf).

***Brachypelma aureiceps* (Chamberlin, 1917).....USA (probably introduced)**

- Eurypelma a.* Chamberlin, 1917: 55, pl. 4, f. 3 (Df).
B. a. Smith, 1993a: 14 (Tf from *Eurypelma* = *Avicularia*).
B. a. Smith, 1995: 162, f. 867-874 (f).
B. a. Peters, 2003: 113, f. 449 (f).

***Brachypelma baumgarteni* Smith, 1993.....Mexico**

- B. b.* Smith, 1993a: 15, f. 1-10 (Dm).
B. b. Smith, 1995: 163, f. 875-883 (m).
B. b. Peters, 2000a: 66, f. 214-215 (m).
B. b. Peters, 2003: 114, f. 457, 460 (m).

***Brachypelma boehmei* Schmidt & Klaas, 1993.....Mexico**

- B. b.* Schmidt & Klaas, 1993: 7, f. 1-2 (Dmf).
B. b. Schmidt, 1993d: 82, f. 193a (m).
B. b. Schmidt & Klaas, 1994: 8, f. 1-2 (mf).
B. b. Smith, 1995: 164, f. 884-900 (mf).
B. b. Tesmoingt, Cleton & Verdez, 1997a: 9, pl. 2, f. 1 (f).
B. b. Schmidt, 1997g, 1998h: 19, f. 190 (m).
B. b. Peters, 2000a: 67, f. 218 (f).
B. b. Bertani, 2000: 30, f. 41-42 (m).

***Brachypelma embrithes* (Chamberlin & Ivie, 1936).....Panama**

- Eurypelma e.* Chamberlin & Ivie, 1936a: 7 (Df).
B. e. Smith, 1993a: 14 (Tf from *Eurypelma* = *Avicularia*).

***Brachypelma emilia* (White, 1856) *.....Mexico**

- Mygale e.* White, 1856: 185, pl. 43 (Dm).
Brachypelma aemilia Simon, 1891h: 338 (Dmf).
Eurypelma e. F. O. P.-Cambridge, 1897a: 19, pl. 2, f. 5 (m).
Brachypelma e. Smith, 1986b: 49, f. 27h (Tmf from *Eurypelma* = *Avicularia*).
Brachypelma e. Smith, 1987d: 49, pl. 2, f. 27h (m).
Brachypelma e. Hancock & Hancock, 1989: 46, f. 41 (f).
B. e. Schmidt, 1992a: 10 (Tmf from *Euathlus* per Raven).
B. e. Schmidt, 1993d: 82, f. 188 (f).
Euathlus e. Baxter, 1993: 72, f. 19-20 (f).
B. e. Smith, 1995: 166, f. 901-915 (mf).
B. e. Pérez-Miles et al., 1996: 46, f. 9-10 (mf).
B. e. Tesmoingt, Cleton & Verdez, 1997a: 9, pl. 2, f. 6 (f).
B. e. Schmidt, 1997g, 1998h: 19, f. 191, 193 (mf).
B. e. Locht, Yáñez & Vázquez, 1999: 196, f. 7 (f).
B. e. Peters, 2000a: 68, f. 222 (f).
B. e. Bertani, 2001: 338, f. 153-156 (mf).
B. e. Peters, 2003: 117, f. 473-474, 477, 480, 483 (mf).

***Brachypelma epicureanum* (Chamberlin, 1925).....Mexico**

Eurypelma epicureana Chamberlin, 1925c: 107, f. 5 (Dm).

Dugesiella eepicureana Petrunkevitch, 1939a: 254.

B. epicureana Smith, 1993a: 15 (Tm from *Eurypelma* = *Avicularia* per Roewer).

B. e. Smith, 1995: 168, f. 916-925 (m).

B. e. Schmidt & Bullmer, 1996: 3, f. 1 (Df).

B. e. Rudloff, 2003: 8, f. 36, 38 (f).

***Brachypelma fossorium* Valerio, 1980.....Costa Rica**

B. fossoria Valerio, 1980a: 271, f. 25-28 (Dmf).

B. fossoria Smith, 1986b: 49, f. 28h (m).

B. fossoria Smith, 1987d: 49, f. 28h (m).

B. f. Schmidt, 1992a: 10, f. 9-12 (Tmf from *Euathlus*).

B. f. Peters, 2000a: 70, f. 228 (m).

B. f. Rudloff, 2003: 8, f. 26-29 (m).

B. f. Peters, 2003: 121, f. 486, 488-489 (mf).

***Brachypelma hamorii* Tesmoingt, Cleton & Verdez, 1997.....Mexico**

B. h. Tesmoingt, Cleton & Verdez, 1997a: 9, pl. 1-6 (Dmf).

B. h. Tesmoingt, Cleton & Verdez, 1997b: 3, pl. 9-11 (m).

***Brachypelma klaasi* (Schmidt & Krause, 1994).....Mexico**

Brachypelmides k. Schmidt & Krause, 1994b: 7, f. 1-2 (Dmf).

B. k. Smith, 1995: 169, f. 926-939 (mf).

Brachypelmides k. Schmidt, 1997g, 1998h: 19, f. 198, 202 (mf).

Brachypelmides k. Locht, Yáñez & Vázquez, 1999: 196, f. 4, 9 (mf).

Brachypelmides k. Vol, 1999a: 11, f. A (f).

Brachypelmides k. Peters, 2000a: 75, f. 244-247 (mf).

Brachypelmides k. Peters, 2003: 131, f. 533-535, 537 (mf).

***Brachypelma ruhnaui* (Schmidt, 1997).....Mexico**

Brachypelmides r. Schmidt, 1997d: 205, f. 1-4 (Dmf).

Brachypelmides r. Schmidt, 1997g, 1998h: 19, f. 199-201 (mf).

Brachypelmides r. Locht, Yáñez & Vázquez, 1999: 196, f. 3 (m).

Brachypelmides r. Peters, 2000a: 76, f. 250-252 (mf).

Brachypelmides r. Peters, 2003: 133, f. 542, 545-547 (mf).

***Brachypelma sabulosum* (F. O. P.-Cambridge, 1897).....Guatemala**

Eurypelma s. F. O. P.-Cambridge, 1897a: 26 (Df).

Delopelma s. Petrunkevitch, 1939a: 253.

B. s. Hancock & Hancock, 1989: 42, f. 37 (Tf from *Eurypelma* = *Avicularia*).

B. s. Schmidt, 1992a: 10 (Tf from *Euathlus*).

B. s. Schmidt, 1993d: 82, f. 191 (f).

B. s. Schmidt, 1997g, 1998h: 19, f. 196 (f).

B. s. Piepho, 2001: 3, f. 1 (f).

B. s. Rudloff, 2003: 8, f. 32-34, 39 (f).

B. s. Peters, 2003: 124, f. 502, 504 (f).

***Brachypelma schroederi* Rudloff, 2003.....Mexico**

B. s. Rudloff, 2003: 2, f. 3-13, 30 (Dmf).

***Brachypelma smithi* (F. O. P.-Cambridge, 1897).....Mexico**

Eurypelma s. F. O. P.-Cambridge, 1897a: 20, pl. 1, f. 4 (Df).

Brachypelma s. Pocock, 1903b: 103.

B. s. Hancock & Hancock, 1989: 44, f. 39 (Tf from *Eurypelma* = *Avicularia*).

B. s. Schmidt, 1992a: 10 (Tf from *Euathlus*).

B. s. Schmidt, 1992d: 14, f. 2, 4 (f, Dm).

B. s. Schmidt, 1993d: 82, f. 190 (f).

Euathlus s. Baxter, 1993: 73, f. 17-18, pl. A, f. 1-6 (mf).

B. s. Smith, 1995: 170, f. 940-956 (mf).

B. s. Tesmoingt, Cleton & Verdez, 1997a: 9, pl. 2, f. 2 (f).

B. s. Schmidt, 1997g, 1998h: 19, f. 195 (f).

B. s. Tesmoingt, Cleton & Verdez, 1997b: 4, pl. 10-11 (m).

B. s. Locht, Yáñez & Vázquez, 1999: 196, f. 5 (m).

B. s. Peters, 2000a: 72, f. 235-236 (mf).

B. s. Peters, 2003: 125, f. 510, 512-513 (mf).

***Brachypelma vagans* (Ausserer, 1875).....Mexico, Central America**

Eurypelma v. Ausserer, 1875: 197, pl. 7, f. 41 (Dmf).

Eurypelma dupontii Becker, 1879d: 143 (Df).

Eurypelma v. Becker, 1881b: 45, pl. 2, f. 1 (f).

Eurypelma v. Simon, 1891h: 334, f. 1 (m).

Eurypelma v. F. O. P.-Cambridge, 1897a: 25, pl. 1, f. 9 (mf).

Brachypelma v. Pocock, 1903b: 103.

B. v. Smith, 1986b: 51, f. 33h (Tmf from *Eurypelma* = *Avicularia*).

B. v. Smith, 1987d: 51, pl. 2, f. 33h (m).

B. v. Hancock & Hancock, 1989: 49, f. 44 (f).

B. v. Schmidt, 1992a: 10, f. 2 (Tmf from *Euathlus*).

B. v. Smith, 1995: 174, f. 957-980 (mf).

B. v. Locht, Yáñez & Vázquez, 1999: 196, f. 2, 8 (mf).

B. v. Peters, 2000a: 73, f. 239-240 (f).

B. v. Piepho, 2001: 3, f. 1 (f).

B. v. Rudloff, 2003: 7, f. 14-21, 31 (mf).

B. v. Peters, 2003: 127, f. 516-519 (mf).

***Brachypelma verdezi* Schmidt, 2003.....Mexico**

B. v. Schmidt, 2003g: 6, f. 1-3, 5-6 (Dmf).

B. v. Peters, 2003: 129, f. 523-525 (mf).

References

- AUSSERER, A. (1875). Zweiter Beitrag zur Kenntniss der Arachniden-Familie der Territelariae Thorell (Mygalidae Autor). *Verh. zool.-bot. Ges. Wien* **25**: 125-206.
- BAXTER, R. N. (1993). *Keeping and Breeding Tarantulas*. Chudleigh Publishing, Ilford, Essex, UK, xii + 89 pp.
- BECKER, L. (1879d). Description d'aranéides exotiques nouveaux. *Ann. Soc. ent. Belg.* **22**(C.R.): 140-145.
- BECKER, L. (1881b). Présentation de deux planches d'arachnides. *Ann. Soc. ent. Belg.* **25**(C.R.): 44-47.
- BERTANI, R. (2000). Male palpal bulbs and homologous features in Theraphosinae (Araneae, Theraphosidae). *J. Arachnol.* **28**: 29-42.
- BERTANI, R. (2001). Revision, cladistic analysis, and zoogeography of *Vitalius*, *Nhandu*, and *Proshapalopus*; with notes on other theraphosine genera (Araneae, Theraphosidae). *Arq. Zool., S. Paulo* **36**: 265-356.
- CAMBRIDGE, F. O. P.-. (1897a). Arachnida - Araneida and Opiliones. In *Biologia Centrali-Americana, Zoology*. London, 2: 1-40.
- CHAMBERLIN, R. V. (1925c). New North American spiders. *Proc. Calif. Acad. Sci.* (4) **14**: 105-142.
- CHAMBERLIN, R. V. & W. Ivie. (1936a). New spiders from Mexico and Panama. *Bull. Univ. Utah* **27**(5): 1-103.
- HANCOCK, K. & J. HANCOCK. (1989). Sex determination of immature theraphosid spiders from their cast skins. Published by the authors, Southminster, England, 61 pp.
- LOCHT, A., M. Yáñez & I. Vázquez. (1999). Distribution and natural history of Mexican species of *Brachypelma* and *Brachypelmides* (Theraphosidae, Theraphosinae) with morphological evidence for their synonymy. *J. Arachnol.* **27**: 196-200.
- PÉREZ-MILES, F., S. M. LUCAS, P. I. DA SILVA Jr., & R. BERTANI. (1996). Systematic revision and cladistic analysis of Theraphosinae (Araneae: Theraphosidae). *Mygalomorph* **1**: 33-68.
- PETERS, H.-J. (2000a). *Tarantulas of the world: Kleiner Atlas der Vogelspinnen - Band 1*. Published by the author, 148 pp.
- PETERS, H.-J. (2003). *Tarantulas of the World: Amerika's Vogelspinnen*. Published by the author, Wegberg, Germany, 328 pp.
- PETRUNKEVITCH, A. (1939a). Catalogue of American spiders. Part one. *Trans. Connect. Acad. Arts Sci.* **33**: 133-338.
- PIEPHO, F. (2001). Verwirrung seit Jahren um *Phormictopus meloderma*. *Arachnol. Mag.* **9**(5/6): 2-5.
- POCOCK, R. I. (1903b). On some genera and species of South American Aviculariidae. *Ann. Mag. nat. Hist.* (7) **11**: 81-115.
- RUDLOFF, J.-P. (2003). Eine neue *Brachypelma*-Art aus Mexiko, *Brachypelma schroederi* sp. n. (Araneae: Mygalomorphae: Theraphosidae: Theraphosinae). *Arthropoda* **11**(3): 2-15.
- SCHMIDT, G. E. W. (1992a). *Brachypelma* Simon 1890 oder *Euathlus* Ausserer 1875? (Araneida: Theraphosidae: Theraphosinae). *Arachnol. Anz.* **3**(1): 9-11.
- SCHMIDT, G. E. W. (1992c). Das Männchen von *Euathlus truculentus* Ausserer 1875 (Araneida: Theraphosidae: Theraphosinae). *Arachnol. Anz.* **3**(7): 9-13.
- SCHMIDT, G. E. W. (1992d). *Brachypelma auratum* sp. n., die sogenannte Hochlandform von *Brachypelma smithi* (Araneida: Theraphosidae: Theraphosinae). *Arachnol. Anz.* **3**(8): 9-14.
- SCHMIDT, G. E. W. (1993d). *Vogelspinnen: Vorkommen, Lebensweise, Haltung und Zucht, mit Bestimmungsschlüsseln für alle Gattungen*, Vierte Auflage. Landbuch Verlag, Hannover, 151 pp.
- SCHMIDT, G. E. W. (1997d). Eine zweite *Brachypelmides*-Art aus Mexiko: *Brachypelmides ruhnaui* n. sp. (Arachnida: Araneae: Theraphosidae: Theraphosinae). *Ent. Z., Frankf. a. M.* **107**: 205-208.

- SCHMIDT, G. E. W. (1997g). Bestimmungsschlüssel für die Gattungen der Unterfamilie Theraphosinae (Araneae: Theraphosidae). *Arachnol. Mag.*, Sonderausgabe **3**: 1-27.
- SCHMIDT, G. E. W. (1998h). Bestimmungsschlüssel für die Gattungen der Unterfamilie Theraphosinae (Araneae: Theraphosidae). 2. Aktualisierte Auflage. *Arachnol. Mag.*, Sonderausgabe **4**: 1-28.
- SCHMIDT, G. E. W. (2003g). Das Männchen von *Brachypelma verdezi* sp. n. (Araneae: Theraphosidae: Theraphosinae), einer häufig mit *Aphonopelma pallidum* verwechselten Vogelspinnenart aus Mexico. *Tarantulas of the World* **86**: 4-9 (also **87**: 4-9).
- SCHMIDT, G. E. W. & M. BULLMER. (1996). Das Weibchen von *Brachypelma epicureanum* (Chamberlin, 1925) (Araneida: Theraphosidae: Theraphosinae). *Arachnol. Mag.* **4**(7): 3-7.
- SCHMIDT, G. E. W. & P. KLAAS. (1993) Eine neue *Brachypelma*-Spezies aus Mexiko (Araneida: Theraphosidae: Theraphosinae). *Arachnol. Anz.* **4**(5): 7-9, 11-13.
- SCHMIDT, G. E. W. & P. KLAAS. (1994). Eine neue *Brachypelma*-Species aus Mexico *Brachypelma boehmei* sp. n. (Araneida: Theraphosidae: Theraphosinae). *Arachnol. Mag.* **2**(7): 7-15.
- SCHMIDT, G. E. W. & R. H. KRAUSE. (1994b). Eine neue Vogelspinnen-Spezies aus Mexico, *Brachypelmides klaasi* sp. n. (Araneida, Theraphosidae, Theraphosinae). *Stud. neotrop. Fauna Environ.* **29**: 7-10.
- SIMON, E. (1891h). Liste des Aviculariides qui habitent le Mexique et l'Amérique centrale. *Act. Soc. linn. Bord.* **44**: 327-339.
- SMITH, A. M. (1986b). *The tarantula: Classification and identification guide*. Fitzgerald Publishing, London.
- SMITH, A. M. (1987d). *The tarantula: Classification and identification guide* (second ed.). Fitzgerald Publishing, London.
- SMITH, A. M. (1992a). In defence of Raven's decision to make the genus *Brachypelma* Simon 1891 a junior synonymy [sic] of *Euathlus* Ausserer 1895. *Br. Tarantula Soc. J.* **7**(3): 14-19
- SMITH, A. M. (1993a). A new mygalomorph spider from Mexico (*Brachypelma*, Theraphosidae, Arachnida) *Brachypelma baumgarteni* Nsp. *Br. Tarantula Soc. J.* **8**(4): 14-19.
- SMITH, A. M. (1995). *Tarantula Spiders: Tarantulas of the U.S.A. and Mexico*. Fitzgerald Publ., London, 196 pp.
- TESMOINGT, M., F. Cleton & J. M. Verdez. (1997a). Description de *Brachypelma annitha* n. sp. et de *Brachypelma hamorii* n. sp. mâles et femelles, nouvelles espèces proches de *Brachypelma smithi* (Cambridge, 1897) du Mexique. *Arachnides* **32**: 8-20.
- TESMOINGT, M., F. CLETON & J. M. VERDEZ. (1997b). Description de *Brachypelma annitha* n. sp. et de *Brachypelma hamorii* n. sp. mâles et femelles, nouvelles espèces proches de *Brachypelma smithi* (Cambridge, 1897) du Mexique. 2ème partie. *Arachnides* **33**: 2-10.
- VALERIO, C. E. (1980a). Arañas terafosidas de Costa Rica (Araneae, Theraphosidae). I. *Sericopelma* y *Brachypelma*. *Brenesia* **18**: 259-288.
- VOL, F. (1999a). A propos d'une spermatheque inhabituelle. *Arachnides* **42**: 1-13.
- WHITE, A. (1856). Description of *Mygale Emilia*, a spider from Panama, hitherto apparently unrecorded. *Proc. zool. Soc. Lond.* **1856**: 183-185, pl. XLIII (reprinted in *Ann. Mag. nat. Hist.* (2) **19**: 406-407, 1857).