Last updated: 21 December, 2023

DASYPROCTUS

Dasyproctus Lepeletier de Saint Fargeau and Brullé, 1835:801. Type species: *Dasyproctus bipunctatus* Lepeletier de Saint Fargeau and Brullé, 1835, by monotypy.

Megapodium Dahlbom, 1844:295. Type species: *Megapodium westermanni* Dahlbom, 1844, designated by Pate, 1937c:37.

Megalopodium W. Schulz, 1906:202. Emendation of *Megapodium* Dahlbom, 1844.

Bishamon Tsuneki, 1983h:17, as subgenus of *Dasyproctus*. Type species: *Dasyproctus guadalensis* Tsuneki, 1983, by original designation and monotypy.

Revisions: Leclercq, 1958a (world species), 1972b (Asia and Oceania), 1990a (Afrotropical species), 2015 (species of Africa, Asia, and Oceania); Yue, Ma, and Li, 2021 (China); Binoy, Girish Kumar, and Santosh, 2021b (India).

1. *abax* Leclercq

Dasyproctus abax Leclercq, 1958a:91, ♀. Holotype: ♀, Zaire: Ubangi: Tongu (MRAC). – Leclercq, 1958a:39 (in key to world *Dasyproctus*); R. Bohart and Menke 1976:420 (in checklist of world Sphecidae); Leclercq, 1990a:227 and 239 (in key to Afrotropical *Dasyproctus*), 245 (bibliographic reference), 1991d:7 (summary of collecting localities, variation); Dollfuss, 2006:415 (South Africa: southwest of Emanguzi); Leclercq, 2015:44 (in new key to Afrotropical *Dasyproctus*), 68 (bibliographic references, variation, Kenya: Kakamega Forest).

2. *agilis* (F. Smith)

Crabro agilis F. Smith, 1858b:18, ♀. Holotype or syntypes: ♀, Indonesia: Sulawesi: no specific locality (OXUM). – F. Smith, 1863b:136 (known from Sulawesi), 1871a:369 (in catalog of Oriental Aculeata); Dalla Torre, 1897:580 (in catalog of world Sphecidae); nec R. Turner, 1908:528 (= *Dasyproctus austragilis*). – **As *Dasyproctus agilis***: R. Turner, 1912f:62 (new combination); Leclercq, 1950b:10 (is a member of *Dasyproctus*), 1954c:262 (in catalog of world Crabronini), 1956d:161 (Australia: Queensland; redescription), 1958a:46 and 58 (in key to world *Dasyproctus*), 1972b:107, 108 (in key to *Dasyproctus* of Asia and Oceania, as *Dasyproctus agilis agilis*), 109 (bibliographic references, variation, locality records from India); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Tsuneki, 1982d:11 (Taiwan), 1984b:25 (Philippines), 33 (male genitalia), 1984f:18 (Philippines; recognition characters of ♀); Radović, 1985:65 (sting apparatus analyzed); S. Gupta, 1995:86 (India: Uttar Pradesh); Porter, Stange, and Wang, 1999:12 (in checklist of Sphecidae of Taiwan); Jonathan, Ray, and Kundu, 2000:203 (India: Meghalaya: East Garo Hills: Dainadubi and Songak); Dollfuss, 2006:415 (Malaysia: Ipoh 5 km east of Tanjong Rambutan); Haneda, 2011:47 (Philippines: Palawan); Terayama and Suda, 2014:33 (Japan: first record of genus and species from Okinawa); Leclercq, 2015:64, 66 (in new key to *Dasyproctus* of Asia and Oceania, as *Dasyproctus agilis agilis*), 68 (bibliographic references, locality records from India, Indonesia, Malaysia, Pakistan, Sri Lanka, and Thailand); Pham, Kumar and Danilov, 2015:1591 (in list of Sphecidae *sensu lato* of Vietnam, as *Dasyproctus agilis agilis*); Binoy, Girish Kumar, and Santosh, 2021b:468, 469 (in key to *Dasyproctus* of India), 469 (in revision of *Dasyproctus* of India); Yue, Ma and Li, 2021:31 (in key to *Dasyproctus* of China, as *agilis agilis*); Pham, 2022:44 (in key to *Dasyproctus* of Vietnam) 45 (Vietnam: locality records); Saini and Dey, 2022e:160 (in list of *Dasyproctus* of Indian subcontinent); Mawadda and Girish Kumar, 2023:108 (in checklist of Crabroninae of Northern India); Saini, Dey, and Kumar Meena, 2023:798 (India: Rajasthan: Ajmer, Tabiji, redescription).

Dasyproctus ceylonicus de Saussure, 1867:85, ♀. Holotype or syntypes: ♀, Sri Lanka: no specific locality (MHNG). Synonymized with *Dasyproctus agilis* by Leclercq, 1972b:109. – Cameron, 1890b:275 (listed); Bingham, 1896a:447 (references; Burma, Sikkim); W. Schulz, 1906:205 (omitted by Bingham, 1897); Kohl, 1908:53 (comparison with *Dasyproctus jacobsoni*); van der Vecht, 1951:103 (nesting habits, prey); nec Tsuneki, 1959a:96 (= *Dasyproctus ceylonicus impetuosus*); Leclercq, 1954c:262 (in catalog of world Crabronini), 1956d:162 (India, Sikkim, Sri Lanka,

Singapore, Indonesia, Philippines, Vietnam, Taiwan; redescription), 1957j:55 (Malaysia, Sumatra, Java, Borneo, Sulawesi), 1958a:46 and 60 (in key to world *Dasyproctus*); Tsuneki, 1959a:96 (Taiwan); Leclercq, 1963:17 (India; Singapore, Philippines, Borneo); Tsuneki, 1966d:1 (listed from Taiwan), 11 (Taiwan; individual chromatic and sculptural variation), 1968d:57 (Taiwan); Tsuneki, 1974b:645 (Thailand), 1976b:112 (Philippines; redescription). – **As *Crabro ceylonicus***: Dalla Torre, 1897:587 (new combination, in catalog of world Sphecidae); W. Schulz, 1904:101 (omitted by Bingham, 1897).

; SCrabro indicus de Saussure, 1892:582, ♂. Holotype or syntypes: ♂, India: West Bengal: Calcutta (MHNG). Synonymized with *Dasyproctus agilis* by Leclercq, 1972b:109. – Dalla Torre, 1897:605 (in catalog of world Sphecidae); W. Schulz, 1904b:101 and 1906:205 (omitted by Bingham, 1897). – **As *Dasyproctus indicus***: Leclercq, 1954c:259 (new combination, in catalog of world Crabronini).

Crabro infantulus Kohl, 1894:294, ♂. Syntypes: ♂, India: West Bengal: Calcutta (NHMW). Synonymized with *Dasyproctus ceylonicus* by Leclercq, 1956d:163 and with *Dasyproctus agilis* by Leclercq, 1972b:109. – W. Schulz, 1904b:101 and 1906:205 (omitted by Bingham, 1897); Dollfuss, 1989:10 (type in NHMW). – **As *Dasyproctus infantulus***: Leclercq, 1954c:262 (new combination, in catalog of world Crabronini); Leclercq, 1956d:166 (as *Dasyproctus ceylonicus* var. *infantulus*).

Crabro revelatus Cameron, 1898b:34, ♀. Holotype or syntypes: ♀, Sri Lanka: Trincomali (OXUM). Synonymized with *Dasyproctus agilis* by Leclercq, 1972b:109. – Ramakrishna Aiyar, 1916:559 (in catalog of Indian aculeates described after Bingham, 1897). – **As *Dasyproctus revelatus***: Leclercq, 1954c:262 (new combination, in catalog of world Crabronini), 1956d:163 (type cannot be located).

Crabro impetuosus Cameron, 1901a:28, ♂. Holotype or syntypes: ♂, Singapore (BMNH). Synonymized with *Dasyproctus agilis* by Leclercq, 1972b:109. – **As *Dasyproctus impetuosus***: Leclercq, 1950b:11 (new combination, synonymized with *Dasyproctus orientalis*), 1954c:26 (as synonym of *Dasyproctus ceylonicus*), 1956d:162 (as new synonym of *Dasyproctus ceylonicus*), 1956d:166 (as *Dasyproctus ceylonicus* var. *impetuosus*), 1972b:109 (as synonym of *Dasyproctus agilis*). – **As *Dasyproctus ceylonicus impetuosus***: Baltazar, 1966:355 (new status, in catalog of Hymenoptera of Philippines); Tsuneki, 1968g:18 (Taiwan), 30 (in key to Crabronini of Taiwan and Ryukyus); Haneda, 1971b:33 (Taiwan); Tsuneki, 1971a:24 (Taiwan); Haneda, 1972a:6 (Taiwan); Murota, 1973b:118 (Taiwan); Tsuneki, 1977j:289 (Taiwan).

Dasyproctus philippinensis Ashmead, 1904d:129, ♀, ♂. Holotype: sex not stated, Philippines: Luzon: Manila (USNM). Synonymized with *Dasyproctus ceylonicus* by Leclercq, 1956d:163 and with *Dasyproctus agilis* by Leclercq, 1972b:109. – R. Brown, 1906:687 (in catalog of Philippine Hymenoptera); Leclercq, 1954c:258 (in catalog of world Crabronini), 316 (nest and prey records).

Dasyproctus funestus R. Turner, 1917e:188, ♂. Syntypes: ♂, India: Bihar: Pusa (BMNH). Synonymized with *Dasyproctus ceylonicus* by Leclercq, 1956d:163 and with *Dasyproctus agilis* by Leclercq, 1972b:109. – Leclercq, 1954c:262 (in catalog of world Crabronini), 316 (nest and prey records).

Crabro palmerii Cameron: Leclercq, 1950b:11, nomen nudum (synonymized with *Dasyproctus orientalis*), 1954c:262 (in catalog of world Crabronini).

As *Dasyproctus ceylonicus*: Tsuneki, 1959a:96 (Taiwan), corrected to *Dasyproctus ceylonicus impetuosus* by Tsuneki, 1968g:18.

3. *albomaculatus* Tsuneki

Dasyproctus albomaculatus Tsuneki, 1976b:114, ♂. Holotype: ♂: Philippines: Palawan: Pinigisan (ZMUC). – Tsuneki, 1984f:17 (Philippines), 40 (in key to Crabronini of Philippines); Leclercq, 2015:66 (in new key to *Dasyproctus* of Asia and Oceania), 70 (bibliographic references).

4. *angusticollis* (Arnold)

Thyreopus angusticollis Arnold, 1926:363, ♀. Holotype: ♀, Zimbabwe: Umtali (SAM). – Arnold, 1930:13 (in checklist of Afrotropical Sphecidae). – **As *Crabro angusticollis***: Arnold, 1944:33 (new combination, description of ♂). – **As**

Dasyproctus angusticollis: Leclercq, 1954c:258 (new combination, in catalog of world Crabronini), 1958a:39, 56, and 58 (in key to world *Dasyproctus*), 90 (variation, relationships); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Leclercq, 1990a:227 and 239 (in key to Afrotropical *Dasyproctus*), 245 (bibliographic references), 1991d:7 (summary of collecting localities, variation), 2015:44, 54 (in new key to Afrotropical *Dasyproctus*, as *angusticollis angusticollis*), 70 (bibliographic references).

ssp. *liberiae* Leclercq

Dasyproctus liberiae Leclercq, 1958a:75, ♂. Holotype: ♂, Liberia: Menek Town (MRAC). – Leclercq, 1958a:52 (in key to world *Dasyproctus*); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae). – **As *Dasyproctus angusticollis liberiae***: Leclercq, 1990a:227 and 239 (new status, in key to Afrotropical *Dasyproctus*), 245 (bibliographic reference), 1991d:7 (summary of collecting localities, variation), 2015:44, 53 (in new key to Afrotropical *Dasyproctus*), 70 (bibliographic references).

5. *angustifrons* (Arnold)

Thyreopus angustifrons Arnold, 1927:125, ♂. Holotype: ♂, South Africa: Natal: Umgeni (Durban Mus.). – Arnold, 1930:14 (in checklist of Afrotropical Sphecidae). – **As *Dasyproctus angustifrons***: Leclercq, 1954c:260 (new combination, in catalog of world Crabronini), 1958a:90 (in checklist of *Dasypoctus*); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Leclercq, 1990a:239 (in key to Afrotropical *Dasyproctus*), 245 (bibliographic reference), 1991d:8 (summary of collecting localities), 2015:53 (in new key to Afrotropical *Dasyproctus*), 70 (bibliographic references).

6. *araboides* Leclercq

Dasyproctus araboides Leclercq, 1958a:67, ♀. Holotype: ♀, Mali: Tillembeya, now Diafarabé (BMNH). – Leclercq, 1958a:48 (in key to world *Dasyproctus*); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Leclercq, 1990a:229 and 237 (in key to Afrotropical *Dasyproctus*), 245 (bibliographic reference; Central African Republic, Chad, Gambia, Nigeria); Dollfuss, 1990a:122 (Central African Republic), 1991d:8 (summary of collecting localities, variation); Leclercq, 2015:47, 52 (in new key to Afrotropical *Dasyproctus*), 65 (in key to *Dasyproctus* of Asia and Oceania), 70 (bibliographic references, description of ♂, Cameroon: Moulvoudav at 10°25'N 14°63'E).

7. *arabs* (Kohl)

Crabro arabs Kohl, 1894:283, ♀. Holotype or syntypes: ♀, Egypt: Sinai: Tor (NHMW). – Dalla Torre, 1897:583 (in catalog of world Sphecidae); Kohl, 1915:329 (in revision of Palearctic Crabronini); de Beaumont, 1952c:199 (Algeria: Hoggar); Pulawski, 1964:146 (Egypt: Cairo; description of ♂). – **As *Dasyproctus arabs***: Leclercq, 1954c:261 (new combination, in catalog of world Crabronini), 1956d:144 (Pakistan: Quetta; redescription), 1958a:48 (in key to world *Dasyproctus*), 68 (bibliographic references, zoogeographic characteristics), 1972:106 (in key to *Dasyproctus* of Asia and Oceania), 112 (bibliographic references, variation); de Beaumont, Bytinski-Salz and Pulawski, 1973:23 (Israel); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Guichard, 1980:228 (Oman); Dollfuss, 1989:9 (type material in NHMW); Leclercq, 1990a:229 and 237 (in key to Afrotropical *Dasyproctus*), 245 (bibliographic references), 1991d:8 (summary of collecting localities, variation), 1993c:23 (reference to previous publications); Gadallah and Assery, 2004a:216 (in key to Sphecidae of Jeddah Region, Saudi Arabia), 227 (in catalog of Sphecidae of Saudi Arabia: Hadasham 120 km east of Jeddah); Dollfuss, 2006:416 (Jordan, Morocco, Pakistan); Roche, 2007a:104 and 2007b:7 (in checklist of Egyptian Ampulicidae, Sphecidae, and Crabronidae); Schmid-Egger, 2011b:523 (United Arab Emirates: 15 km northeast of al-Dhaid, Jebel Hafi south of Al Ain, Sharjah, Sharjah Desert Park, Wadi Bih, Wadi Hay, Wadi al-Helo, Wadi Maidaq, Wadi Shawkah, Wadi Wurayah; color photograph of female); El-Hawagry, Khalil, Sharaf, Fadl, and Aldawood, 2013:65 (Saudi Arabia: Al-Baha Province: Jebel El-Baher); Gadallah, Al Dhafer, Aldryhim, Fadl, and Elgharbawy, 2013:350 (in new catalog of Sphecidae of Saudi Arabia); Schmid-Egger, 2014:546 (United Arab Emirates); Atbaei, Fallahzadeh, and Ljubomirov, 2015:9 (Iran: Fars Province); Leclercq, 2015:47, 52 (in new key to Afrotropical *Dasyproctus*), 64, 65

(in key to *Dasyproctus* of Asia and Oceania), 71 (bibliographic references, locality records from Egypt, Israel, Saudi Arabia, and Senegal); Jahantigh, Rakhshani Mokhtari, and Ramroodi, 2017:48 (Iran: known from Fars and Sistan-o Baluchestan provinces); Madl, 2018:940 (in catalog of Hymenoptera of Djibouti); Gadallah, 2020b:34 (in list of aculeate wasps of Arabian Peninsula); Saini and Dey, 2022e:160 (in list of *Dasyproctus* of Indian subcontinent).

Dasyproctus obockensis Leclercq, 1949a:2, ♂. Holotype: ♂, Djibouti: Obock (MNHN). Synonymized with *Dasyproctus arabs* by Leclercq, 1972b:112. – Leclercq, 1954c:259 (in catalog of world Crabronini), 1958a:48 (in key to world *Dasyproctus*), 67 (bibliographic reference).

8. *artisanus* Leclercq

Dasyproctus artisanus Leclercq, 1972b:112, ♂. Holotype: ♂, Philippines: Mindanao: Kolambugan (USNM). – Leclercq, 1972b:105 (in key to *Dasyproctus* of Asia and Oceania); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Tsuneki, 1984f:17 (listed from Philippines), 39 (in key to Crabronini of Philippines); Leclercq, 2015:71 (bibliographic references).

9. *attenboroughi* Binoy, Girish Kumar, and Santosh

Dasyproctus attenboroughi Binoy, Girish Kumar and Santosh, 2021:472, ♂. Holotype: ♂, India: Kerala: Kannur District, Kannapuram at 12°25'4.8"N 75°21'1.62"E (Zoological Survey of India, Western Ghat Regional Centre, Kozhikode, Kerala, India). – Binoy, Girish Kumar, and Santosh, 2021b:469 (in key to *Dasyproctus* of India), 47 (in revision of *Dasyproctus* of India); Saini and Dey, 2022e:160 (in list of *Dasyproctus* of Indian subcontinent).

10. *aurovestitus* R. Turner

Dasyproctus aurovestitus R. Turner, 1913:749, ♀. Holotype: ♀, Uganda: Entebbe (BMNH). – Leclercq, 1954c:259 (in catalog of world Crabronini), 1958a:44 and 49 (in key to world *Dasyproctus*), 72 (description of ♂; Malawi, Uganda, South Africa); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Leclercq, 1990a:224, 227, and 237 (in key to Afrotropical *Dasyproctus*), 245 (bibliographic references; Ivory Coast, Angola), 1991d:8 (summary of collecting localities), 2015:44, 46, 52 (in new key to Afrotropical *Dasyproctus*), 71 (bibliographic references). – **As *Thyreopus aurovestitus***: Arnold, 1926:370 (new combination, original description copied), 1930:14 (in checklist of Afrotropical Sphecidae, as *aurovestitus* Arnold).

11. *austinorum* Leclercq

Dasyproctus austinorum Leclercq, 1990a:245, ♀. Holotype: ♀, Togo: Yégoué (ZMHU). – Leclercq, 1990a:227 (in key to Afrotropical *Dasyproctus*), 1991d:9 (summary of collecting localities), 2015:46 (in new key to Afrotropical *Dasyproctus*), 71 (bibliographic references).

12. *austragilis* Leclercq

As *Crabro agilis*: R. Turner, 1908:528 (Australia: Queensland: Mackay), corrected to *Dasyproctus austragilis* by Leclercq, 1972b:113.

Dasyproctus austragilis Leclercq, 1972b:113, ♀, ♂. Holotype: ♀, Australia: Queensland: Mackay (BMNH). – Leclercq, 1972b:106, 108 (in key to *Dasyproctus* of Asia and Oceania); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Cardale, 1985:274 (in catalog of Australian Sphecidae); Leclercq, 2015:64, 66 (in new key to *Dasyproctus* of Asia and Oceania), 71 (bibliographic references, locality records from Australia and Papua New Guinea).

13. *barkeri* (Arnold)

Thyreopus barkeri Arnold, 1927:126, ♀ (as *Barkeri*, incorrect original capitalization). Syntypes: South Africa: KwaZulu-Natal: Durban, Malvern, Umgeni (Durban Mus., SAM). – Arnold, 1930:14 (in checklist of Afrotropical Sphecidae). – **As *Dasyproctus barkeri***: Leclercq, 1954c:259 (new combination, in catalog of world Crabronini), 1958a:45 (in key to world *Dasyproctus*), 73 (variation; Zaire); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Leclercq, 1990a:228 (in key to Afrotropical *Dasyproctus*) (bibliographic reference; member of subgenus *Bishamon*),

1991d:9 (summary of collecting localities, variation); Dollfuss, 2006:416 (South Africa: southwest of Emanguzi); Leclercq, 2015:46 (in new key to Afrotropical *Dasyproctus*, as *barkeri barkeri*), 72 (bibliographic references).

ssp. *baternus* Leclercq

Dasyproctus barkeri baternus Leclercq, 1990a:245, ♀. Holotype: ♀, Gabon: Nzéla (FSAG). Paratypes: Zaire. – Leclercq, 1990a:228 (in key to Afrotropical *Dasyproctus*), 1991d:9 (summary of collecting localities), 2007g:194 (holotype in FSAG), 2015:46 (in new key to Afrotropical *Dasyproctus*), 72 (bibliographic references).

ssp. *batyllus* Leclercq

Dasyproctus barkeri batyllus Leclercq, 1990a:246, ♀. Holotype: ♀, Gabon: Boué (FSAG). Paratypes: Zaire. – Leclercq, 1990a:228 (in key to Afrotropical *Dasyproctus*), 1991d:9 (summary of collecting localities), 2007g:194 (holotype in FSAG), 2015:46 (in new key to Afrotropical *Dasyproctus*), 72 (bibliographic references).

ssp. *nyholmi* (Arnold)

Crabro barkeri nyholmi Arnold, 1952:484, ♀. Holotype: Uganda: Jinja (BMNH). – **As *Dasyproctus barkeri nyholmi***: Leclercq, 1954c:259 (new combination, as new synonym of *Dasyproctus barkeri*), 1990a:228 (in key to Afrotropical *Dasyproctus*), 245 (bibliographic reference; status need confirmation; Cameroon, Central African Republic, Ghana, Malawi, Nigeria); Dollfuss, 1990a:122 (Central African Republic); Leclercq, 2015:46 (in new key to Afrotropical *Dasyproctus*), 72 (bibliographic references; Cameroon: Messamondongo).

14. *basifasciatus* (Arnold)

Crabro basifasciatus Arnold, 1951:164, ♀. Holotype: ♀, Ethiopia: Moggio (BMNH). – **As *Dasyproctus basifasciatus***: Leclercq, 1954c:259 (new combination, in catalog of world Crabronini), 1958a:44 (in key to world *Dasyproctus*), 72 (bibliographic references); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Leclercq, 1990a:231 (in key to Afrotropical *Dasyproctus*), 246 (bibliographic references), 1991d:10 (summary of collecting localities, additional characters discussed), 2015:48 (in new key to Afrotropical *Dasyproctus*), 72 (bibliographic references, additional description).

15. *benoiti* Leclercq

Dasyproctus benoiti Leclercq, 1958a:74, ♀, ♂. Holotype: ♀, Zaire: Haut-Uélé: Paulis (MRAC). – Leclercq, 1958a:45 and 59 (in key to world *Dasyproctus*), 1961b:87 (Zaire: Equateur: Bokuma); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Dollfuss, 1990a:122 (Central African Republic); Leclercq, 1990a:228 and 240 (in key to Afrotropical *Dasyproctus*), 246 (bibliographic references; Central African Republic, Gabon), 1991d:10 (summary of collecting localities), 2015:46 (in new key to Afrotropical *Dasyproctus*), 72 (bibliographic references, locality records from Cameroon and Kenya).

16. *bipunctatus* Lepeletier de Saint Fargeau and Brullé

Dasyproctus bipunctatus Lepeletier de Saint Fargeau and Brullé, 1835:802, ♀. Holotype or syntypes: Senegal: no specific locality (lost). Neotype: ♀, Senegal: Tiardiye (MNHN), designated by Leclercq, 1990a:246. – Dahlbom, 1844:294 (original description copied), 1845:511 (in key to *Crabro*); Lepeletier de Saint Fargeau, 1845:203 (in revision of world Hymenoptera); Schouteden, 1930:94 (Zaire); Leclercq, 1954c:260 (in catalog of world Crabronini), 317 (nest and prey records), 1958:54 (in key to world *Dasyproctus*), 79 (variation; Ethiopia, Kenya, Liberia, Mali, Nigeria, Sudan, Zaire), 1961b:80 (Zaire: Garamba National Park); Bowden, 1964:425 (nesting habits in Uganda); de Beaumont, 1967b:511 (South Africa: Cape Province); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Casolari and Casolari Moreno, 1980:117 (specimens in M. Spinola collection, Torino); Gess, 1981:31 (South Africa: Hilton Farm 18 km west-northwest of Grahamstown; nesting in pithy stems); Rodgers and Homewood, 1982:233 (Tanzania: Usambara Mountains); Dollfuss, 1990a:122 (Central African Republic); Leclercq, 1990a:234 and 243 (in key to Afrotropical *Dasyproctus*), 247 (bibliographic references, redescription; geographic distribution), 1991d:11 (summary of collecting localities, variation); Simon Thomas and Wiering, 1993:406 (Cape Verde Islands:

Island of Santiago); S. Gess, 1996:290 (floral records, as *bipunctatus bipunctatus*); S. Gess and F. Gess, 2003:104 (South Africa: visiting flowers of *Foeniculum vulgare* Mill., Apiaceae, *Berkheya heterophylla* (Thunb.) O. Hoffm., Asteraceae, *Acacia karoo* Hayne, Fabaceae, and *Zizyphus mucronata* Willd., Rhamnaceae, as *bipunctatus bipunctatus*); Dollfuss, 2006:416 (Central African Republic, Gambia, Kenya, Malawi, Namibia, South Africa, Zambia, Zimbabwe); Pagliano, 2011a:137 (specimens in coll. Spinola, Torino); Leclercq, 2015:49, 56 (in new key to Afrotropical *Dasyproctus* as *bipunctatus bipunctatus*), 72 (bibliographic references, locality records from Cameroon, Ethiopia, Ivory Coast, Kenya, Saudi Arabia, Senegal, South Africa, Tanzania, Yemen, Zaire, and Zambia); Gadallah, 2020b:34 (in list of aculeate wasps of Arabian Peninsula). – **As *Crabro bipunctatus***: Blanchard, 1840:362 (new combination, ...); F. Smith, 1856:392 (in catalog of Hymenoptera in British Museum); Dalla Torre, 1897:584 (in catalog of world Sphecidae). – **As *Thyreopus bipunctatus***: Arnold, 1926:365 (new combination, in revision of Afrotropical Crabroninae), 1930:13 (in checklist of Afrotropical Sphecidae); Scott *in* Arnold, 1933a:369 (Ethiopia).

Crabro rabiosus Kohl, 1894:283, ♂. Holotype or syntypes: ♂, Gabon: Cape Lopez (NHMW). Synonymized with *Thyreopus bipunctatus* by Arnold, 1926:365 and with *Dasyproctus bipunctatus* by Leclercq, 1990a:247. – Dalla Torre, 1897:623 (in catalog of world Sphecidae). – **As *Dasyproctus rabiosus***: Leclercq, 1954c:260 (new combination, as new synonym of *Dasyproctus bipunctatus*). – **As *Dasyproctus bipunctatus* var. *rabiosus***: Leclercq, 1958a:55 (in key to world *Dasyproctus*), 82 (new status; Guinea, Nigeria). – **As *Dasyproctus bipunctatus rabiosus***: R. Bohart and Menke, 1976:420 (new status, in checklist of world Sphecidae).

Crabro massaicus Cameron, 1908a:280, ♀. Holotype or syntypes: ♀, Tanzania: Mount Kilimanjaro: Kibonoto (NRS). Synonymized with *Dasyproctus bipunctatus* by Leclercq, 1958a:79, synonymy confirmed by Leclercq, 1990a:247. – **As *Thyreopus massaicus***: Arnold, 1926:372 (new combination, original description copied), 1930:14 (in checklist of Afrotropical Sphecidae). – **As *Dasyproctus massaicus***: Leclercq, 1954c:260 (new combination, in catalog of world Crabronini).

ssp. *avius* (Arnold)

Crabro bipunctatus var. *avius* Arnold, 1951:165, ♂, ♀. Lectotype: ♂, Ethiopia: Addis Ababa, (BMNH), designated by Leclercq, 1990a:247. – **As *Dasyproctus bipunctatus* var. *avius***: Leclercq, 1954c:260 (new combination, as synonym of *bipunctatus*), 1958a:55 (in key to world *Dasyproctus*), 82 (Uganda). – **As *Dasyproctus bipunctatus avius***: R. Bohart and Menke, 1976:420 (new status, in checklist of world Sphecidae); Leclercq, 1990a:236 and 243 (in key to Afrotropical *Dasyproctus*), 1991d:14 (summary of collecting localities), 2015:51, 56 (in new key to Afrotropical *Dasyproctus*), 73 (bibliographic references).

ssp. *lugubris* (Arnold)

Thyreopus bipunctatus var. *lugubris* Arnold, 1927:127, ♀, ♂. Syntypes: Zimbabwe: Umtali in Vumbu Mountains (SAM). – Arnold, 1930:13 (in checklist of Afrotropical Sphecidae). – **As *Crabro bipunctatus* var. *lugubris***: Arnold, 1943:83 (new combination, Zaire: Albert National Park). – **As *Dasyproctus bipunctatus* var. *lugubris***: Leclercq, 1958a:55 (new combination, in key to world *Dasyproctus*), 82 (Kenya, Malawi, South Africa, Zaire, Zimbabwe). – **As *Dasyproctus bipunctatus lugubris***: Fain, 1973:179 (new status, parasite: *Crabrovidia dasyproctus* Fain, a saproglyphid mite); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae, incorrectly regarded as junior homonym of *Crabro lugubris* Fabricius, 1793, now in *Pemphredon*); Rodgers and Homewood, 1982:233 (Tanzania: Usambara Mountains); Leclercq, 1990a:234, 236, and 244 (in key to Afrotropical *Dasyproctus*), 247 (bibliographic references, discussion of status), 1991d:14 (summary of collecting localities); Dollfuss, 2006:416 (Benin, Central African Republic, Kenya, Malawi, South Africa, Zimbabwe); Leclercq, 2015:49, 51, 56 (in new key to Afrotropical *Dasyproctus*), 73 (bibliographic references, locality records from Kenya, South Africa, correctly Namibia, and Zaire).

ssp. *rebellus* Leclercq

Dasyproctus rebellus Leclercq, 1958a:70, ♂. Holotype: ♂, Rwanda: Nyanza: Mahembe (MRAC). – Leclercq, 1958a:49 (in key to world *Dasyproctus*); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae). – **As *Dasyproctus***

bipunctatus rebellus: Leclercq, 1990a:242 (in key to Afrotropical *Dasyproctus*), 1990a:247 (new status), 1991d:15 (summary of collecting localities), 2015:55 (in new key to Afrotropical *Dasyproctus*), 73 (bibliographic references).

ssp. *tanzaniae* Leclercq

Dasyproctus bipunctatus tanzaniae Leclercq, 1990a:248, ♂. Holotype: ♂, Tanzania: Rukwa Valley: Mkumbwa River (BMNH). – Leclercq, 1990a:242 (in key to Afrotropical *Dasyproctus*), 1991d:15 (summary of collecting localities), 2015:55 (in new key to Afrotropical *Dasyproctus*), 73 (bibliographic references).

17. *boketanus* Leclercq

Dasyproctus boketanus Leclercq, 1990a:248, ♀, ♂. Holotype: ♀, Zaire: Equateur: Boketa (FSAG). – Dollfuss, 1989:9, nomen nudum (paratype in NHMW); Leclercq, 1990a:224, 229, and 240 (in key to Afrotropical *Dasyproctus*), 1991d:15 (summary of collecting localities), 2007g:194 (holotype in FSAG), 2015:45, 47, 54 (in new key to Afrotropical *Dasyproctus*), 73(bibliographic references).

18. *braunsii* (Kohl)

Crabro braunsii Kohl, 1894:281, ♂ (as *Braunsii*, incorrect original capitalization). Holotype: ♂, Gabon: no specific locality (NHMW). – Dalla Torre, 1897:584 (in catalog of world Sphecidae); Giordani Soika, 1939c:102 (Eritrea: Adi Caie). – **As *Thyreopus braunsii***: Arnold, 1926:360 (new combination, in revision of Afrotropical Crabronini; description of ♀ which actually is *Dasyproctus immitis*), 1930:13 (in checklist of Afrotropical Sphecidae). – **As *Dasyproctus braunsii***: Leclercq, 1954c:259 (new combination, in catalog of world Crabronini), 1958a:64 (as new synonym of *Dasyproctus immitis*), 1990a:225, 227, 237, and 238 (in key to Afrotropical *Dasyproctus*), 248 (bibliographic references, interpretation, geographic distribution), 1991d:15 (summary of collecting localities); Dollfuss, 2006:417 (Kenya, Malawi, South Africa); Leclercq, 2015:45, 51 (in new key to Afrotropical *Dasyproctus*, as *braunsii braunsii*), 73 (bibliographic references; Congo: Brazzaville: Djoué).

Dasyproctus sjoestedti Cameron, 1908a:281, ♀ (as *Sjöstedti*, incorrect original capitalization and diacritic mark). Holotype or syntypes: ♀, Tanzania: Kilimanjaro: Kibonoto (NRS). Synonymized with *Dasyproctus immitis* by Leclercq, 1958a:65, and with *Dasyproctus braunsii* by Leclercq, 1990a:248. – **As *Thyreopus sjoestedti***: Arnold, 1926:372 (new combination, original description copied), 1930:14 (in checklist of Afrotropical Sphecidae). – **As *Dasyproctus sjoestedti***: Leclercq, 1954c:260 (new combination, in catalog of world Crabronini).

Thyreopus ruficaudis Arnold, 1926:359, ♀. Holotype: ♀, South Africa: Western Cape Province: George (TMP). Synonymized with *Dasyproctus braunsii* by Leclercq, 1990a:248. – Arnold, 1930:13 (in checklist of Afrotropical Sphecidae). – **As *Dasyproctus ruficaudis***: Leclercq, 1954c:259 (new combination, in catalog of world Crabronini), 1958a:44 (in key to world *Dasyproctus*), 73 (Congo, Malawi, South Africa, Zaire, Zambia), 1961b:87 (Zaire: Garamba National Park); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Gess, 1981:31 (South Africa: Hilton Farm 18 km west-northwest of Grahamstown; nesting in pithy stems); S. Gess and F. Gess, 2003:105, 106 (South Africa: visiting flowers of *Foeniculum vulgare* Mill., Apiaceae, and *Leucadendron* sp., Proteaceae), 2006:10 (South Africa: visiting flowers of *Leucadendron* sp., Proteaceae).

ssp. *quadricolor* (W.F. Kirby)

Rhopalum quadricolor W.F. Kirby, 1900:17, ♀. Holotype: ♀, Yemen: Island of Socotra: Dahamis (BMNH). – W.F. Kirby, 1903:245 (Socotra, redescription). – **As *Crabro quadricolor***: Kohl, 1906a:200 (new combination, transferred to subgenus *Dasyproctus*, original description copied). – **As *Dasyproctus quadricolor***: Leclercq, 1954c:262 (new combination, in catalog of world Crabronini), 1958a:43 (in key to world *Dasyproctus*), 62 (additional description), 1972b:105 (in key to *Dasyproctus* of Asia and Oceania), 118 (bibliographic references); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae). – **As *Dasyproctus braunsii quadricolor***: Leclercq, 1990a:225, 227, and 237 (in key to Afrotropical *Dasyproctus*), 249 (new status), 1991d:16 (summary of collecting localities), 2015:45, 51 (in new key to Afrotropical *Dasyproctus*), 60, 64 (in key to *Dasyproctus* of Asia and Oceania), 73 (bibliographic references, Island of Socotra); Gadallah, 2020b:34 (in list of aculeate wasps of Arabian Peninsula).

19. *bredoi* (Arnold)

Crabro bredoi Arnold, 1947:163, ♀, ♂. Syntypes: Zambia: Abercorn, now Mbala (SAM). – **As *Dasyproctus bredoi***: Leclercq, 1954c:260 (new combination, in catalog of world Crabronini), 1958a:58 and 60 (in key to world *Dasyproctus*), 77 (diagnostic characters; Burundi, Zambia, Zimbabwe), 1961b:79 (Zaire: Garamba National Park); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Dollfuss, 1990a:122 (Central African Republic); Leclercq, 1990a:233 and 236 (in key to Afrotropical *Dasyproctus*), 249 (bibliographic references; geographic distribution), 1991d:17 (summary of collecting localities); Hancock, Chahwanda, and Mhlanga, 1995:38 (syntype in Bulawayo Museum); Dollfuss, 2006:417 (Benin, Namibia); Leclercq, 2015:49, 51 (in new key to Afrotropical *Dasyproctus*), 73 (bibliographic references; Cameroon: Messamondongo and Mount Elounden).

20. *buddha* (Cameron)

Rhopalum buddha Cameron, 1889b:18, ♂. Holotype or syntypes: ♂, India: Maharashtra: Pune (OXUM). – **As *Crabro buddha***: Cameron, 1890b:270 (new combination, India: Tirhoot, Bombay, Madras); Bingham, 1897:323 (redescription); Dalla Torre, 1897:585 (in catalog of world Sphecidae); Rothney, 1903:106 (India: West Bengal: Barrackpore); Paiva, 1907:15 (India: West Bengal: Siliguri); Maxwell-Lefroy, 1909:209 (India: reared from nest in a tree); Giner Marí, 1945c:857 (India: Maharashtra: Bandra near Bombay). – **As *Dasyproctus buddha***: R. Turner, 1912g:376 (new combination); Ramakrishna Aiyar, 1916:560 (reported synonymy with *Dasyproctus brookii* by R. Turner, 1912g:376); Pagden, 1934a:463 (Malay Peninsula: nesting in stems of grass *Coelorrhachis glandulosa* Staph., preying on Chloropidae and Ortalidae, now Otitidae); Leclercq, 1950b:11 (is a member of *Dasyproctus*, comparison with *Dasyproctus orientalis*), 1954c:258 (in catalog of world Crabronini), 316 (nest and prey records), 1956d:147 (Burma, India, Malaysia, Pakistan, Philippines; redescription), 1957j:53 (Malaysia: Kuala Lumpur), 1958a:40, 41, 60 (in key to world *Dasyproctus*); nec Tsuneki, 1959a:97 (= *Dasyproctus formosanus*); Leclercq, 1963:15 (India, Vietnam; individual variation); Tsuneki, 1963c:38 (Thailand); Iwata, 1964:381 (visiting flowers of *Crotalaria*); Baltazar, 1966:354 (in catalog of Hymenoptera of Philippines); Tsuneki, 1966d:1 (listed from Taiwan), 1968g:18 (Taiwan), 30 (in key to Crabronini of Taiwan and Ryukyus), 1971a:24 (Taiwan); Leclercq, 1972b:104, 105 (in key to *Dasyproctus* of Asia and Oceania), 113 (bibliographic references, locality records from India, Burma, Malaysia; description of holotype); Fain, 1973:179 (parasite: *Crabrovidia dasyproctus* Fain, a saproglyphid mite); Murota, 1973b:118 (Taiwan); Tsuneki, 1974b:644 (Thailand); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); S. Gupta, 1995:86 (India: Uttar Pradesh); Porter, Stange, and Wang, 1999:12 (in checklist of Sphecidae of Taiwan); Dollfuss, 2006:417 (Laos, Malaysia, Sumatra); Leclercq, 2015:59, 67 (in new key to *Dasyproctus* of Asia and Oceania), 73 (bibliographic references, locality records from India, Maldives, Malaysia including Sabah, Pakistan, Singapore, Sri Lanka, and Thailand); Pham, Kumar and Danilov, 2015:1591 (in list of Sphecidae *sensu lato* of Vietnam); Binoy, Girish Kumar, and Santosh, 2021b:468 (in key to *Dasyproctus* of India), 474 (in revision of *Dasyproctus* of India); Yue, Ma and Li, 2021:31, 32 (in key to *Dasyproctus* of China); Pham, 2022:44 (in key to *Dasyproctus* of Vietnam), 45 (Vietnam: locality records), 46 (illustrations); Saini and Dey, 2022e:160 (in list of *Dasyproctus* of Indian subcontinent); Mawadda and Girish Kumar, 2023:108 (in checklist of Crabroninae of Northern India); Saini, Dey, and Kumar Meena, 2023:799 (India: Rajasthan: Ajmer, Tabiji, redescription).

Crabro brookii Bingham, 1896c:444, ♀ (as Brookii, incorrect original capitalization). Holotype or syntypes: ♀, India: Arunachal Pradesh: Kumaon (BMNH). Synonymized with *Dasyproctus buddha* by R. Turner, 1912g:376 and by Leclercq, 1950b:12. – Bingham, 1897:323 (redescription); Giner Marí, 1945c:857 (India: Maharashtra: Bandra).

Crabro taprobanae Cameron, 1898b:30, ♀. Holotype or syntypes: ♀, Sri Lanka: Trincomalee (BMNH or OXUM). Synonymized with *Dasyproctus buddha* by Leclercq, 1950b:12. – Ramakrishna Aiyar, 1916:559 (in catalog of Indian aculeates described after Bingham, 1897);

Crabro musaeus Cameron, 1901d:53, ♀. Holotype or syntypes: ♀, India: Maldives Archipelago: Mahlos Atoll (BMNH). Tentatively synonymized with *Dasyproctus buddha* by Leclercq, 1958a:40. – Ramakrishna Aiyar, 1916:559 (in

catalog of Indian aculeates described after Bingham, 1897, as *musoeus*). – **As *Dasyproctus musaeus***: Leclercq, 1950b:12 (new combination), 1954c:262 (in catalog of world Crabronini).

Dasyproctus testaceipalpis Cameron, 1908b:305, ♀. Holotype or syntypes: ♀, India: Gujarat: Deesa (BMNH). Synonymized with *Dasyproctus buddha* by Leclercq, 1950b:12. – Ramakrishna Aiyar, 1916:560 (in catalog of Indian aculeates described after Bingham, 1897).

21. *burnettianus* R. Turner

Dasyproctus burnettianus R. Turner, 1912f:62, ♀. Holotype or syntypes: ♀, Australia: Queensland: Bundaberg (BMNH). – Leclercq, 1950b:10 (is a member of *Dasyproctus*), 1954c:258 (in catalog of world Crabronini), 1956d:156 (redescription), 1958a:41 (in key to world *Dasyproctus*); Leclercq, 1972b:104 (in key to *Dasyproctus* of Asia and Oceania), 114 (bibliographic references); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Cardale, 1985:274 (in catalog of Australian Sphecidae); Leclercq, 2015:59 (in new key to *Dasyproctus* of Asia and Oceania), 74 (bibliographic references, comment of species identity).

22. *callani* Leclercq

Dasyproctus callani Leclercq, 1990a:249, ♀. Holotype: ♀, South Africa: Eastern Cape Province: Grahamstown (FSAG). – Leclercq, 1990a:236 (in key to Afrotropical *Dasyproctus*), 1991d:17 (summary of collecting localities), 2007g:194 (holotype in FSAG), 2015:51 (in new key to Afrotropical *Dasyproctus*), 74 (bibliographic references).

23. *caseinus* Leclercq

Dasyproctus caseinus Leclercq, 1990a:249, ♀. Holotype: ♀, Liberia: Menek-Town (MRAC). Paratypes: Sierra Leone, Nigeria. – Leclercq, 1990a:229 (in key to Afrotropical *Dasyproctus*), 1991d:17 (summary of collecting localities), 2015:47 (in new key to Afrotropical *Dasyproctus*), 74 (bibliographic references).

24. *cevirus* Leclercq

Dasyproctus cevirus Leclercq, 1963:16, ♀, ♂. Holotype: ♀, Philippines: Island of Negros: Mount Cuernos (USNM). – Baltazar, 1966:355 (in catalog of Hymenoptera of Philippines); Leclercq, 1972b:107, 108 (in key to *Dasyproctus* of Asia and Oceania), 115 (bibliographic references, locality records from Philippines); Fain, 1973:179 (parasite: *Crabrovidia dasyproctus* Fain, a saproglyphid mite); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Tsuneki, 1976b:112 (Philippines, Indonesia: Sumbawa: Doempoe), 1977d:12 (New Guinea), 1984b:26 (Philippines), 33 (male genitalia), 1984f:18 (Philippines; diagnostic characters of ♀), 39 and 40 (in key to Crabronini of Philippines); Leclercq, 2015:64, 66 (in new key to *Dasyproctus* of Asia and Oceania), 74 (bibliographic references, locality records from Philippines, Papua New Guinea, and Thailand, subspecies characteristics); Yue, Ma, and Li, 2021:28 (first record from China: Hainan and Yunnan provinces: many localities), 31 (in key to *Dasyproctus* of China).

25. *chiangensis* Leclercq

Dasyproctus chiangensis Leclercq, 2015:75, ♀. Holotype: ♀, Thailand: Chieng Mai Province: Ahn Kang (Kansas Univ.) – Leclercq, 2015:59 (in new key to *Dasyproctus* of Asia and Oceania).

26. *conator* (R. Turner)

Crabro conator R. Turner, 1908:526, ♂. Holotype or syntypes: Australia: Queensland: Cooktown (BMNH). – **As *Dasyproctus conator***: R. Turner, 1912f:63 (new combination); Leclercq, 1950b:10 (is a member of *Dasyproctus*), 1954c:258 (in catalog of world Crabronini), 1956d:158 (redescription), 1958a:57 (in key to world *Dasyproctus*), 1972b:107 (in key to *Dasyproctus* of Asia and Oceania), 115 (bibliographic references); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Cardale, 1985:274 (in catalog of Australian Sphecidae); Leclercq, 2015:57, 66 (in new key to *Dasyproctus* of Asia and Oceania), 75 (bibliographic references; Australia: Queensland: Kuranda and Mulgrave River).

27. *croceosignatus* (Arnold)

Crabro croceosignatus Arnold, 1940:135, ♂. Holotype: ♂, Zimbabwe: Bulawayo: Hillside (SAM). – Arnold, 1944:32 (description of ♀). – **As *Dasyproctus croceosignatus***: Leclercq, 1954c:261 (new combination, in catalog of world Crabronini), 317 (nest and prey records), 1958a:37, 48, and 60 (in key to world *Dasyproctus*), 68 (variation; Burundi, Gabon, Ghana, Liberia, Sierra Leone, Tanzania, Zaire), 1961b:86 (Zaire: Garamba National Park); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Dollfuss, 1990a:122 (Central African Republic); Leclercq, 1990a:224, 231, and 241 (in key to Afrotropical *Dasyproctus*), 250 (bibliographic references; South Africa to Ivory Coast), 1991d:18 (summary of collecting localities); Dollfuss, 2006:417 (Central African Republic: Kembe); Leclercq, 2015:44, 48, 54 (in new key to Afrotropical *Dasyproctus*, as *croceosignatus croceosignatus*), 75 (bibliographic references).

ssp. *bicuspidatus* (Arnold)

Crabro croceosignatus var. *bicuspidatus* Arnold, 1944:33, ♀, ♂. Syntypes: Zimbabwe: Selukwe (SAM). – Leclercq, 1954c:261 (new combination, as new synonym of *Dasyproctus croceosignatus*). – **As *Dasyproctus croceosignatus bicuspidatus***: Leclercq, 1990a:229 and 241 (new status, in key to Afrotropical *Dasyproctus*), 1991d:19 (summary of collecting localities), 2015:47, 54 (in new key to Afrotropical *Dasyproctus*), 75 (bibliographic references).

28. *crudelis* (de Saussure)

Crabro crudelis de Saussure, 1892:579, ♀, ♂. Syntypes: Madagascar: Antananarivo area (MHNG). – Arnold, 1945:170 (in revision of Madagascan Crabronidae). – **As *Dasyproctus crudelis***: Leclercq, 1954c:261 (new combination, in catalog of world Crabronini), 1958a:50 (in key to world *Dasyproctus*), 75 (listed); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Leclercq, 1990a:233, 234, and 242 (in key to Afrotropical *Dasyproctus*), 250 (bibliographic references, shape of frontal carina), 1991d:19 (summary of collecting localities); Pulawski, 2003b:796 (in checklist of Malagasy Sphecidae); Madl, 2014a:951 (in catalog of Ampulicidae, Crabronidae, and Sphecidae of Malagasy subregion, with synonymy and locality records); Leclercq, 2015:49, 55 (in new key to Afrotropical *Dasyproctus*), 75 (bibliographic references, locality records from Madagascar).

29. *dubiosus* (Arnold)

Thyreopus dubiosus Arnold, 1926:362, ♀, ♂ (most ♂ = *Dasyproctus immitis*). Syntypes: Zimbabwe: Bulawayo and Khami; Botswana: Palapye Road; South Africa: Eastern Cape Province: Mossel Bay (SAM). – Arnold, 1930:13 (in checklist of Afrotropical Sphecidae); Hancock, Chahwanda, and Mhlanga, 1995:40 (syntype in Bulawayo Museum). – **As *Dasyproctus dubiosus***: Leclercq, 1954c:259 (new combination, in catalog of world Crabronini); de Beaumont, 1956d:4 (Cabo Verde Islands); Leclercq, 1958a:52 and 58 (in key to world *Dasyproctus*; most ♂ = *Dasyproctus immitis*), 76 (variation; Liberia, Zaire), 1961b:79 (Zaire: Garamba National Park); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Gess, 1981:31 (South Africa: Hilton Farm 18 km west-northwest of Grahamstown; nesting in pithy stems); Leclercq, 1990a:231, 233, and 240 (in key to Afrotropical *Dasyproctus*), 250 (bibliographic references; correct interpretation; Botswana, Transvaal, Zimbabwe), 1991d:19 (summary of collecting localities); Simon Thomas and Wiering, 1993:406 (Cape Verde Islands: Island of Santiago); S. Gess and F. Gess, 2003:105 (Namibia and South Africa: visiting flowers of *Deverra denudata* (Viv.) Pfisterer and Podl., *Foeniculum vulgare* Mill., Apiaceae, and *Acacia karoo* Hayne, Fabaceae); Leclercq, 2015:48, 54 (in new key to Afrotropical *Dasyproctus*), 75 (bibliographic references, specimens recorded as *Dasyproctus dubiosus* by de Beaumont, 1956d, Leclercq, 1958a, and Simon Thomas and Wiering, 1993, are actually *Dasyproctus immitis*).

30. *erythrotoma* (Cameron)

Crabro erythrotoma Cameron, 1905g:259, ♀. Holotype or syntypes: ♀, South Africa: Eastern Cape Province: Dunbrody (TMP). – Brauns, 1917:241 (type in TMP). – **As *Thyreopus erythrotoma***: Arnold, 1926:371 (new combination, original description copied), 1930:14 (in checklist of Afrotropical Sphecidae). – **As *Dasyproctus erythrotoma***: Brauns, 1917:241 (new combination); Leclercq, 1954c:261 (in catalog of world Crabronini), 1958a:43 (in key to

world *Dasyproctus*); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Leclercq, 1990a:244 (is not a *Dasyproctus*).

31. *expectatus* R. Turner

Dasyproctus expectatus R. Turner, 1912f:60, ♀. Holotype or syntypes: ♀, Australia: New South Wales: Sydney (BMNH). – Leclercq, 1950b:10 (is a member of *Dasyproctus*), 1954c:257 (in catalog of world Crabronini), 1956d:155 (redescription), 1958a:41 and 57 (in key to world *Dasyproctus*), 1972b:104, 107 (in key to *Dasyproctus* of Asia and Oceania), 115 (bibliographic references); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Cardale, 1985:274 (in catalog of Australian Sphecidae); Leclercq, 2015:59, 66 (in new key to *Dasyproctus* of Asia and Oceania), 76 (bibliographic references: Australia: Victoria: Sand Hills).

32. *ferox* (de Saussure)

Crabro ferox de Saussure, 1892:580, ♀. Syntypes: ♀, Madagascar: Antananarivo area, Anosibé in Bezanozano Province (MHNG). – Arnold, 1945:171 (Madagascar; revision). – **As *Dasyproctus ferox***: Leclercq, 1954c:258 (new combination, in catalog of world Crabronini), 1958a:39 (in key to world *Dasyproctus*), 63 (additional description), 1961b:87 (additional Madagascan records), 1961d:117 (Madagascar); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Leclercq, 1990a:225 and 237 (in key to Afrotropical *Dasyproctus*), 250 (bibliographic references), 1991d:19 (summary of collecting localities); Madl, 1997:821 (Madagascar: Island of Nosy Boraha), 822 (in checklist of Nosy Boraha Sphecidae); Pulawski, 2003b:796 (in checklist of Malagasy Sphecidae); Dollfuss, 2006:417 (Madagascar: Fort Dauphin = Tolanaro); Madl, 2014a:951 (in catalog of Ampulicidae, Crabronidae, and Sphecidae of Malagasy subregion, with synonymy and locality records); Leclercq, 2015:45, 52 (in new key to Afrotropical *Dasyproctus*, as *ferox ferox*), 75 (bibliographic references, locality records from Madagascar).

Crabro immanis de Saussure, 1892:581, ♂. Syntypes: ♂, Madagascar: Anosibé in Bezanozano Province (MHNG). Synonymized with *Crabro ferox* by Arnold, 1945:171. – Dalla Torre, 1897:604 (in catalog of world Sphecidae).

ssp. *fervens* Leclercq

Dasyproctus ferox fervens Leclercq, 2015:76, ♂. Holotype: ♂. Comoros: Grande Comore: Le Galawa (FSAG) – Leclercq, 2015:52 (in new key to Afrotropical *Dasyproctus*).

33. *fortunatus* de Beaumont

Dasyproctus fortunatus de Beaumont, 1968a:275, ♀. Holotype: ♀, Canary Islands: Tenerife: Cumbre de Aguine (RMNH). – R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Báez and Ortega, 1978:192 (Canary Islands); Leclercq, 1990a:229 (in key to Afrotropical *Dasyproctus*), 1991d:20 (summary of collecting localities); Hohmann, La Roche, Ortega, and Barquín, 1993:245 (detailed records from Canary Islands); Leclercq, 1993c:24 (in checklist of Crabronini of Europe and Mediterranean Basin), 2015:47 (in new key to Afrotropical *Dasyproctus*), 77 (bibliographic references).

34. *francisi* Leclercq

Dasyproctus francisi Leclercq, 2015:72, ♀. Holotype: ♀, Malaysia: Johore: Lambak (FSAG). – Leclercq, 2015:59 (in new key to *Dasyproctus* of Asia and Oceania).

35. *frater* (Dahlbom)

Megapodium frater Dahlbom, 1844:295, ♀. Holotype: ♀, South Africa: Cape of Good Hope (Lund). – **As *Crabro frater***: F. Smith, 1856:393 (new combination, in catalog of Hymenoptera in British Museum); Dalla Torre, 1897:602 (in catalog of world Sphecidae). – **As *Thyreopus frater***: Arnold, 1926:370 (new combination, notes on holotype), 1930:14 (in checklist of Afrotropical Sphecidae). – **As *Dasyproctus frater***: Dahlbom, 1845:511 (new combination, in key to *Dasyproctus*); Leclercq, 1954c:261 (in catalog of world Crabronini), 1958a:43 (in key to world *Dasyproctus*); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 1990a:225 (in key to

Afrotropical *Dasyproctus*), 250 (bibliographic reference; holotype examined, redescription), 1991d:20 (summary of collecting localities), 2015:45 (in new key to Afrotropical *Dasyproctus*), 77 (bibliographic references).

36. *geethae* Binoy and Girish Kumar

Dasyproctus geethae Binoy and Girish Kumar *in* Binoy, Girish Kumar, and Santosh, 2021a:223 (28 Jan), ♀, ♂. Holotype, ♀, India: Kerala: Kozhikode district: Elathur at 11°20'37"N 75°43'6.74"E (Zoological Survey of India, Western Ghat Regional Centre, Kozhikode, Kerala, India). – Binoy, Girish Kumar, and Santosh, 2021b:468, 469 (in key to *Dasyproctus* of India), 476 (in revision of *Dasyproctus* of India); Saini and Dey, 2022e:156 (insert into key to Indian *Dasyproctus* by Binoy, Girish Kumar, and Santosh, 2021b),160 (in list of *Dasyproctus* of Indian subcontinent).

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Dasyproctus hainanensis Yue and Li *in* Yue, Ma, and Li, 2021:25 (18 Mar.), ♀. Holotype: ♀, China: Hainan: no specific locality (Yunnan Agricultural University, Kunming, China). Synonymized with *Dasyproctus geethae* by Binoy, Girish Kumar, and Santosh, 2021b:476. – Yue, Ma and Li, 2021:31 (in key to *Dasyproctus* of China).

37. *guadalensis* Tsuneki

Dasyproctus guadalensis Tsuneki, 1983h:17, ♀ (as type species of subgenus *Bishamon*). Holotype: ♀, Solomon Islands: Island of Guadalcanal: Tenaru River (CAS). – Pulawski, 1994:27 (CAS holotype no. 15122); Leclercq, 2015:60 (in new key to *Dasyproctus* of Asia and Oceania), 77 (bibliographic references).

38. *helenae* Saini and Dey

Dasyproctus helenae Saini and Dey, 2022e:156, ♀. Holotype: ♀, India: Chhattisgarh: Banhar (National Pusa Collection–Indian Agricultural Research Institute, New Delhi, India). – Saini and Dey, 2022e:156 (insert into key to Indian *Dasyproctus* by Binoy, Girish Kumar, and Santosh, 2021b).

39. *idrieus* (Cameron)

Crabro idrieus Cameron, 1901d:53, ♀, actually ♂ according to Leclercq, 196d:147. Holotype or syntypes: ♂, India: Maldives Archipelago: Goifurhendu Atoll: Goidu (BMNH). – Ramakrishna Aiyar, 1916:559 (in catalog of Indian aculeates described after Bingham, 1897, as *idriens*). – **As *Dasyproctus idrieus***: Leclercq, 1950b:12 (new combination), 1954c:262 (in catalog of world Crabronini), 1956d:147 (as new synonym of *Dasyproctus buddha*); Binoy, Girish Kumar, and Santosh, 2021b:468, 469 (in key to *Dasyproctus* of India), 479 (resurrected from synonymy, in revision of *Dasyproctus* of India); Pham, 2022:44, 45 (in key to *Dasyproctus* of Vietnam), 46 (Vietnam: locality records, illustrations) 47 (illustrations); Saini and Dey, 2022e:160 (in list of *Dasyproctus* of Indian subcontinent); Mawadda and Girish Kumar, 2023:108 (in checklist of Crabroninae of Northern India).

Dasyproctus amplicarinalis Yue and Ma *in* Due, Ma, and Li, 2021:23, ♀. Holotype: ♀, China: Yunnan Province: Dehong: Yingjiang: Yunyan Mountain at 24°69'N 97°93'E (Yunnan Agricultural University, Kunming, China). Synonymized with *Dasyproctus idrieus* by Binoy, Girish Kumar, and Santosh, 2021b:479. – Yue, Ma and Li, 2021:31 (in key to *Dasyproctus* of China).

40. *immitis* (de Saussure)

Crabro immitis de Saussure, 1892:581, ♀. Lectotype: ♀, South Africa: no specific locality (MHNG), designated by Leclercq, 1958a:66 ("le type et le paratype examinés"). – Dalla Torre, 1897:604 (in catalog of world Sphecidae). – **As *Thyreopus immitis***: Arnold, 1926:370 (new combination, original description copied), 1930:14 (in checklist of Afrotropical Sphecidae). – **As *Dasyproctus immitis***: Leclercq, 1954c:260 (new combination, in catalog of world Crabronini); de Beaumont, 1956d:4 (Cabo Verde Islands); Leclercq, 1958a:39 (in key to world *Dasyproctus*), 64 (variation; Liberia, Malawi, Namibia, Nigeria, South Africa, Sudan, Zaire, Zimbabwe), 1961b:87 (South Africa: Upington); de Beaumont, 1967b:511 (South Africa: Cape Province); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae); Gess, 1981:31 (South Africa: Hilton Farm 18 km west-northwest of Grahamstown; nesting in pithy stems); Leclercq, 1990a:225 and 237 (in key to Afrotropical *Dasyproctus*); Dollfuss, 1990a:122 (Central African Republic), 1991d:20 (variation, summary of collecting localities); Simon Thomas and Wiering, 1993:406 (Cape

Verde Islands: Island of Santiago); Dollfuss, 2006:417 (Kenya, South Africa, Zimbabwe); S. Gess and F. Gess, 2003:105 (South Africa: visiting flowers of *Foeniculum vulgare* Mill., Apiaceae, *Leucadendron* sp., Proteaceae, and *Zizyphus mucronata* Willd., as *immitus*), 2006:10 (South Africa: visiting flowers of *Leucadendron* sp., Proteaceae, as *immitus*); Leclercq, 2015:45, 52, 53 (in new key to Afrotropical *Dasyproctus*), 77 (bibliographic references, locality records from Cameroon, Kenya, Saudi Arabia, South Africa, Sudan, and Yemen); Gadallah, 2020b:34 (in list of aculeate wasps of Arabian Peninsula).

As *Thyreopus braunsi* (♀ only): Arnold, 1926:360 (described as unknown sex), corrected to *Dasyproctus immitis* by Leclercq, 1990a:250.

As *Thyreopus dubiosus* (part of ♂ only): Arnold, 1926:362, corrected to *Dasyproctus immitis* by Leclercq, 1990a:251. – **As *Dasyproctus dubiosus*** (new combination, part of ♂ only): Leclercq, 1958a:58 (in key to world *Dasyproctus*), corrected by Leclercq, 1990a:251.

41. *jacksoni* Leclercq

Dasyproctus jacksoni Leclercq, 1990a:251, ♀. Holotype: ♀, Cameroon: Nkoeymvon (BMNH). – Leclercq, 1990a:240 (in key to Afrotropical *Dasyproctus*), 1991d:19 (summary of collecting localities), 2015:54 (in new key to Afrotropical *Dasyproctus*), 78 (bibliographic references).

42. *jacobsoni* (Kohl)

Crabro jacobsoni Kohl, 1908a:52, ♂ (as *Jacobsoni*, incorrect original capitalization). Syntypes: ♂, Indonesia: Java: no specific locality, but Semarang according to Leclercq, 1956d:150 (NHMW). – **As *Dasyproctus jacobsoni***: Leclercq, 1954c:258 (new combination, in catalog of world Crabronini), 1956d:150 (redescription, description of ♀), 1957j:54 (Sumatra, Bangka, Java, northern Borneo, southern Sulawesi), 1958a:40 and 61 (in key to world *Dasyproctus*), 1972b:103, 109 (in key to *Dasyproctus* of Asia and Oceania), 116 (bibliographic references); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Dollfuss, 1989:9 (holotype in NHMW); Leclercq, 1990a:227 and 238 (in key to Afrotropical *Dasyproctus*), 251 (Mauritius), 1991d:23 (summary of collecting localities); Madl, 2014a:952 (in catalog of Ampulicidae, Crabronidae, and Sphecidae of Malagasy subregion, with synonymy and locality records); Leclercq, 2015:44 (in new key to Afrotropical *Dasyproctus*), 57, 67 (in key to *Dasyproctus* of Asia and Oceania), 78 (bibliographic references, locality records from Indonesia and Malaysia: Sarawak).

Dasyproctus muiri R. Turner, 1912f:61, ♀. Holotype or syntypes: ♀, Indonesia: Amboina: no specific locality (BMNH). Tentatively synonymized with *Dasyproctus jacobsoni* by Leclercq, 1956d:150. – Leclercq, 1950b:10 (is a member of *Dasyproctus*), 1954c:257 (in catalog of world Crabronini).

43. *javanus* Leclercq

Dasyproctus javanus Leclercq, 1956d:154, ♀. Holotype: Indonesia: Java: Sukabumi (FSAG). – Leclercq, 1957j:55 (Java, geographic variation), 1958a:40 (in key to world *Dasyproctus*), 1972b:103 (in key to *Dasyproctus* of Asia and Oceania), 116 (bibliographic references); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 2007g:194 (holotype in FSAG), 2015:57 (in new key to *Dasyproctus* of Asia and Oceania), 78 (bibliographic references).

44. *jungi* T. Ma

Crabro jungi T. Ma, 1936a:469, ♀. Holotype: ♀, China: Szechwan: Kienwei (Bureau of Entomology, Hangchow, China). – **As *Crossocerus jungi***: Leclercq, 1954c:241 (new combination, in catalog of world Crabronini). – **As *Dasyproctus jungi***: Leclercq *in* R. Bohart and Menke, 1976:421 (new combination, in checklist of world Sphecidae); Porter, Stange, and Wang, 1999:12 (in checklist of Sphecidae of Taiwan); Hua, 2006:279 (in list of Chinese insects, geographic distribution); Leclercq, 2015:57, 67 (in new key to *Dasyproctus* of Asia and Oceania), 78 (bibliographic references; China: Guangzhou); Yue, Ma and Li, 2021:30, 31 (in key to *Dasyproctus* of China).

Crabro jungi quinquemaculatus Ma, 1936a:470, ♀, junior primary homonym of *Crabro quinquemaculatus* Lepeletier de Saint Fargeau and Brullé, 1835. Holotype: ♀, China: Szechwan: Kienwei (T.C. Ma collection, now?).

As *Dasyproctus buddha*: Tsuneki, 1959a:97 (Taiwan), corrected to *Dasyproctus formosanus* by Leclercq, 1972b:115.

Dasyproctus formosanus Tsuneki, 1968g:19, ♂. Holotype: ♂, Taiwan: Taitung Prefecture: Chulu (originally K. Tsuneki coll., now USNM). Synonymized with *Dasyproctus jungi* by Leclercq *in* R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae). – Tsuneki, 1968g:30 (in key to Crabronini of Taiwan and Ryukyus); Leclercq, 1972b:103, 108 (in key to *Dasyproctus* of Asia and Oceania), 115 (bibliographic references; locality records from China: Szechuan; Taiwan; diagnostic characters); Murota, 1973b:118 (Taiwan); Tsuneki, 1977j:289 (Taiwan: Kagi, Taihorinsho, as *formosana*); Nuhn and Menke, 1994:25 (holotype transferred to USNM).

45. *kibonotensis* Cameron

Dasyproctus kibonotensis Cameron, 1908a:280, ♀, ♂. Syntypes: Tanzania: Mount Kilimanjaro: Kibonoto (BMNH, NRS). – Leclercq, 1954c:260 (in catalog of world Crabronini), 1958a:51 and 54 (in key to world *Dasyproctus*), 84 (as *Dasyproctus bipunctatus* var. *kibonotensis*; diagnostic characters; Zaire; Zambia, Zimbabwe), 1961b:81 (Cameroon; as *Dasyproctus bipunctatus* ± *kibonotensis*); Bowden, 1964:425 (nesting habits in Uganda); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Rodgers and Homewood, 1982:233 (Tanzania: Usambara Mountains); Leclercq, 1990a:235 and 243 (in key to Afrotropical *Dasyproctus*), 251 (bibliographic reference, summary of nesting habits), 1991d:23 (summary of collecting localities); Melo, 2000:89 (use of nest by more than one female); Leclercq, 2015:50, 56 (in new key to Afrotropical *Dasyproctus*, as *kibonotensis kibonotensis*), 78 (bibliographic references). – **As *Thyreopus kibonotensis***: Arnold, 1926:371 (new combination, original description copied), 1930:14 (in checklist of Afrotropical Sphecidae). – **As *Dasyproctus bipunctatus* var. *kibonotensis***: Leclercq, 1962a:394 (new status, Tanzania: Uluguru Mountains); Dollfuss, 2006:417 (Kenya: Wundanyi; Malawi: Balaka 160 km southeast of Lilongwe; Zimbabwe: Mount Selinda 40 km south of Chipinge).

Crabro pullatus Arnold, 1944:31, ♀, ♂. Syntypes: Zimbabwe: Vumbu Mountains (SAM). Synonymized with *Dasyproctus bipunctatus* var. *kibonotensis* by Leclercq, 1958a:84. – **As *Dasyproctus pullatus***: Leclercq, 1954c:259 (new combination, in catalog of world Crabronini).

ssp. *uniguttatus* (Arnold)

Crabro pullatus uniguttatus Arnold, 1951:164, ♂. Holotype: ♂, Ethiopia: Wondo (BMNH). – Leclercq, 1954c:259 (as new synonym of *Dasyproctus kibonotensis*), 1958a:84 (as new synonym of *Dasyproctus kibonotensis*), 1990a:251 (synonymy confirmed). – **As *Dasyproctus kibonotensis uniguttatus***: Leclercq, 1990a:235 and 242 (in key to Afrotropical *Dasyproctus*); Dollfuss, 2006:417 (Kenya: Wundanyi; Malawi: Balaka 160 km southeast of Lilongwe); Leclercq, 2015:50, 55 (in new key to Afrotropical *Dasyproctus*), 78 (bibliographic references).

46. *kutui* Leclercq

Dasyproctus kutui Leclercq, 1958a:71, ♂. Holotype: ♂, Zaire: Kutu (MRAC). – Leclercq, 1958a:60 (in key to world *Dasyproctus*); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 1990a:230 and 238 (in key to Afrotropical *Dasyproctus*), 1991d:23 (summary of collecting localities); Dollfuss, 2006:418 (Kenya: Voi); Leclercq, 2015:47, 52, 54 (in new key to Afrotropical *Dasyproctus*), 78 (bibliographic references, additional description, locality records from Sierra Leone and Uganda).

47. *lambertoni* Leclercq

Dasyproctus lambertoni Leclercq, 1958a:63, ♀. Holotype: ♀, Madagascar: Fanovana District: Madag (USNM). – Leclercq, 1958a:38 (in key to world *Dasyproctus*), 63, 1961d:117 (Madagascar); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 1990a:224 and 236 (in key to Afrotropical *Dasyproctus*, description of ♂), 252 (bibliographic reference; Madagascar: Angavoleky), 1991d:24 (summary of collecting localities); Pulawski, 2003b:796 (in checklist of Malagasy Sphecidae); Madl, 2014:952 (in catalog of Ampulicidae, Crabronidae, and Sphecidae of Malagasy subregion, with synonymy and locality records); Leclercq, 2015:44, 51 (in new key to Afrotropical *Dasyproctus*), 79 (bibliographic references, locality records from Madagascar).

48. *leclercqi* Binoy, Girish Kumar, and Santosh

Dasyproctus leclercqi Binoy, Girish Kumar, and Santosh, 2021b:483, ♀. Holotype: ♀, India: Nagaland: Mokokchung District: Longchem at 26°36'54"N 94°26'001"E (Zoological Survey of India, Western Ghat Regional Centre, Kozhikode, Kerala, India) – Binoy, Girish Kumar, and Santosh, 2021b:468 (in key to *Dasyproctus* of India); Saini and Dey, 2022e:160 (in list of *Dasyproctus* of Indian subcontinent).

49. *lichtenburgensis* (Arnold)

Thyreopus bipunctatus race *lichtenburgensis* Arnold, 1926:367, ♀, ♂. Syntypes: South Africa: North West Province: Lichtenburg (TMP). – Arnold, 1930:13 (in checklist of Afrotropical Sphecidae); Carpenter, 1942:48 (nest and prey); Leclercq, 1958a:56 (in key to world *Dasyproctus*), 81 (listed). – **As *Dasyproctus bipunctatus lichtenburgensis***: R. Bohart and Menke, 1976:420 (new combination, new status, in checklist of world Sphecidae). – **As *Dasyproctus lichtenburgensis***: Leclercq, 1990a:234, 235, 236, and 243 (in key to Afrotropical *Dasyproctus*), 252 (new status), 1991d:24 (diagnostic characters, summary of collecting localities); Dollfuss, 2006:418 (South Africa); Leclercq, 2015:49, 50, 51, 56 (in new key to Afrotropical *Dasyproctus*), 79 (bibliographic references; South Africa: Johannesburg including Melville Koppjes Nature Reserve).

50. *lignarius* (F. Smith)

Crabro lignarius F. Smith, 1865a:86, ♀. Holotype or syntypes: ♀, Indonesia: Moluccas: Island of Morty, now Morotai (OXUM). – Dalla Torre, 1897:608 (in catalog of world Sphecidae). – **As *Dasyproctus lignarius***: Leclercq, 1954c:262 (new combination, in catalog of world Crabronini), 1956d:159 (redescription), 1958a:56 (in key to world *Dasyproctus*), 1972:104 (in key to *Dasyproctus* of Asia and Oceania), 116 (bibliographic references, redescription); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 2015:59 (in new key to *Dasyproctus* of Asia and Oceania), 79 (bibliographic references; South Africa: Mpumalanga: Klipfontein).

51. *localis* Leclercq

Dasyproctus localis Leclercq, 1958a:67, ♀. Holotype: ♀, Namibia: Okahandja (BMNH). Paratype: Zimbabwe (USNM). – Leclercq, 1958a:38 and 46 (in key to world *Dasyproctus*); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 1990a:224 and 237 (in key to Afrotropical *Dasyproctus*), 253 (bibliographic reference; South Africa, Zimbabwe), 1991d:28 (summary of collecting localities); Dollfuss, 2006:418 (Kenya: Voi; Namibia: 100 km southwest of Rundu; South Africa: Northern Cape Province: east of Kamieskroon); Leclercq, 2015:45, 51 (in new key to Afrotropical *Dasyproctus*).

52. *longi* Pham

Dasproctus longi Pham, 2022:47, ♀. Holotype: ♀, Vietnam: Ha Noi: Hoa Lac: Thach That (Institute of Ecology and Biological Resources (IEBR), Vietnam Academy of Science and Technology, Ha Noi, Vietnam). – Pham, 2022:44 (in key to *Dasyproctus* of Vietnam), 48 (illustrations).

53. *medicus* Leclercq

Dasyproctus medicus Leclercq, 1958a:88, ♂. Holotype: ♂, Zaire: Léopoldville, now Kinshasa (Inst. Roy. Sci. Nat. Belgique). – Leclercq, 1958a:57 (in key to world *Dasyproctus*), 1961b:86 (Zaire, determination tentative); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 1990a:231 and 238 (in key to Afrotropical *Dasyproctus*), 253 (bibliographic reference), 1991d:28 (summary of collecting localities); Dollfuss, 2006:418 (Kenya: Voi); Leclercq, 2007g:194 (holotype in FSAG), 2015:48, 53 (in new key to Afrotropical *Dasyproctus*), 79 (bibliographic references, locality records from Benin and Zambia).

Dasyproctus speighti Leclercq: Dollfuss, 1989:9, nomen nudum (paratype in NHMW), 1990a:122, nomen nudum (Central African Republic); Leclercq, 2015:83 (history of name, is a synonym of *Dasyproctus medicus*).

54. *naguilianus* Tsuneki

Dasyproctus naguilianus Tsuneki, 1984b:32, ♂. Holotype: ♂, Philippines: Luzon: Naguilian (originally K. Tsuneki coll., now USNM). – Tsuneki, 1984b:33 (male genitalia), 1984f:19 (Philippines), 40 (in key to Crabronini of Philippines); Nuhn and Menke, 1994:27 (holotype not transferred to USNM, possibly returned to T. Murota, the collector); Menke, 1995:14 (type still in K. Tsuneki collection); Tano, 1995:45 (holotype in K. Tsuneki collection); Leclercq, 2015:67 (in new key to *Dasyproctus* of Asia and Oceania), 79 (bibliographic references, relationships to *Dasyproctus yorkoides* and *vaporus*); Tano, 2020:26 (holotype in USNM).

55. *niger* Binoy, Girish Kumar, and Santosh

Dasyproctus niger Binoy, Girish Kumar and Santosh, 2021:485, ♂. Holotype: ♂, India: Tamil Nadu: Coimbatore District: Anaikatty at 11°05'33.9"N 76°47'13"E (Zoological Survey of India, Western Ghat Regional Centre, Kozhikode, Kerala, India); Saini and Dey, 2022e:161 (in list of *Dasyproctus* of Indian subcontinent).

56. *opifex* (Bingham)

Crabro opifex Bingham, 1897:323, ♀. Holotype or syntypes: ♀, Burma: Tenasserim, now Taninthari (BMNH). – **As *Dasyproctus opifex***: R. Turner, 1912g:376 (new combination); Ramakrishna Aiyar, 1916:560 (new generic combination recorded); Leclercq, 1950b:12 (is a member of *Dasyproctus*), 1954c:259 (in catalog of world Crabronini), 316 (nest and prey records), 1956d:146 (redescription), 1957j:53 (Malaysia; prey: *Sarcophaga*), 1958:49 (in key to world *Dasyproctus*), 1972b:107 (in key to *Dasyproctus* of Asia and Oceania), 117 (bibliographic references); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); S. Gupta, 1995:86 (India: Uttar Pradesh); Leclercq, 2015:64, 65 (in new key to *Dasyproctus* of Asia and Oceania), 79 (bibliographic references, additional description; Malaysia: Johore: Lombok, and Perak: Kledong Siong); Binoy, Girish Kumar, and Santosh, 2021b:468, 469 (in key to *Dasyproctus* of India), 487 (in revision of *Dasyproctus* of India); Saini and Dey, 2022e:161 (in list of *Dasyproctus* of Indian subcontinent); Mawadda and Girish Kumar, 2023:108 (in checklist of Crabroninae of Northern India).

57. *oppidanus* Leclercq

Dasyproctus oppidanus Leclercq, 1972b:117, ♂. Holotype: ♂, India: Sikkim: no specific locality (ZMHU). – Leclercq, 1972b:108 (in key to *Dasyproctus* of Asia and Oceania), R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 2015:65 (in new key to *Dasyproctus* of Asia and Oceania); 80 (bibliographic references); Binoy, Girish Kumar, and Santosh, 2021b:469 (in key to *Dasyproctus* of India), 488 (in revision of *Dasyproctus* of India); Saini and Dey, 2022e:161 (in list of *Dasyproctus* of Indian subcontinent).

58. *orientalis* (Cameron)

Crabro orientalis Cameron, 1890b:272, ♀. Holotype or syntypes: ♀, India: no specific locality (OXUM). – Bingham, 1897:324 (redescription); Dalla Torre, 1897:613 (in catalog of world Sphecidae); Rothney, 1903:106 (India: West Bengal: Barrackpore); Maxwell-Lefroy, 1909:209 (India: reared from dry mango branch). – **As *Dasyproctus orientalis***: R. Turner, 1912g:376 (new combination); Ramakrishna Aiyar, 1916:560 (new generic combination recorded); Leclercq, 1950b:11 (is a member of *Dasyproctus*; comparison with *Dasyproctus buddha*), 1954c:262 (in catalog of world Crabronini), 1956d:162 (as new synonym of *Dasyproctus ceylonicus*), 1958a:40 and 41 (in key to world *Dasyproctus*); Binoy, Girish Kumar, and Santosh, 2021b:468, 469 (full species status, in key to *Dasyproctus* of India), 488 (in revision of *Dasyproctus* of India); Pham, 2022:45 (in key to *Dasyproctus* of Vietnam), 49 (Vietnam: locality records, illustrations), 50 (illustrations); Saini and Dey, 2022e:161 (in list of *Dasyproctus* of Indian subcontinent). – **As *Dasyproctus agilis orientalis***: Leclercq, 1972b:107, 108 (new status, in key to *Dasyproctus* of Asia and Oceania), 111 (locality records from India); Fain, 1973:179 (parasite: *Crabrovidia dasyproctus* Fain, a saproglyphid mite); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae, as synonym of *Dasyproctus agilis*); Leclercq, 1982b:146 (China: Foo Chow; Taiwan: Takao, Tseuy Feng); Tsuneki, 1984f:39 and 40 (in key to Crabronini of Philippines); Tsuneki et al., 1992b:41 (Philippines: Mindanao); Dollfuss, 2006:416 (Laos, Malaysia,

Pakistan, Thailand); Hua, 2006:279 (in list of Chinese insects, geographic distribution); Leclercq, 2015:64, 66 (in new key to *Dasyproctus* of Asia and Oceania), 69 (bibliographic references, locality records from China, India, Indonesia, Laos, Malaysia, Nepal, Philippines, Thailand, and Vietnam); Pham, Kumar and Danilov, 2015:1591 (in list of Sphecidae *sensu lato* of Vietnam); Yue, Ma and Li, 2021:31 (in key to *Dasyproctus* of China); Mawadda and Girish Kumar, 2023:108 (in checklist of Crabroninae of Northern India).

59. *pacificus* Tsuneki

Dasyproctus pacificus Tsuneki, 1977d:11, ♀. Holotype: ♀, Papua New Guinea: New Ireland: Danu, Kalili Bay (ZMUC). – Tsuneki, 1982a:47 (Bismarck Archipelago); Leclercq, 2015:59 (in new key to *Dasyproctus* of Asia and Oceania), 80 (bibliographic references, detailed comparison with *Dasyproctus conator* and *expectatus*).

60. *parvus* Leclercq

Dasyproctus parvus Leclercq, 2015:80, ♂. Holotype: ♂, Philippines: Luzon: Pangasinan Province: Cunaolan Biumaley (FSAG). – Leclercq, 2015:66 (in new key to *Dasyproctus* of Asia and Oceania).

61. *pentheri* Leclercq

Dasyproctus pentheri Leclercq, 1956d:160, ♂, actually ♀. Holotype: ♀, Sri Lanka: Badurelia. (NHMW). – Leclercq, 1957j:55 (Java; prey: Larvaevoridae), 1958a:45 (in key to world *Dasyproctus*), 1963:19 (southern India, Philippines); Tsuneki, 1963c:39 (Thailand); Leclercq, 1972b:106 (in key to *Dasyproctus* of Asia and Oceania), 117 (bibliographic references, description of ♂, West Flores: Rana Mese); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Tsuneki, 1984f:17 (listed from Philippines), 39 (in key to Crabronini of Philippines); Dollfuss, 1989:9 (holotype in NHMW), 2006:418 (Malaysia: Ipoh 5 km east of Tanjong Rambutan); Leclercq, 2015:62, 65 (in new key to *Dasyproctus* of Asia and Oceania), 81 (bibliographic references, discussion of identity of male, locality records from India, Indonesia, Malaysia, and Sri Lanka); Binoy, Girish Kumar, and Santosh, 2021b:468, 469 (in key to *Dasyproctus* of India), 491 (in revision of *Dasyproctus* of India); Pham, 2022:45 (in key to *Dasyproctus* of Vietnam), 50 (first record from Vietnam: Ha Noi: Hoa Lac: Thach That), 51 (illustrations); Saini and Dey, 2022e:156 (insert into key to Indian *Dasyproctus* by Binoy, Girish Kumar, and Santosh, 2021b), 161 (in list of *Dasyproctus* of Indian subcontinent).

62. *percarus* Leclercq

Dasyproctus percarus Leclercq, 2015:81, ♂. Holotype: ♂, Sri Lanka: Ratnapura District: Gilimale (USNM). – Leclercq, 2015:65 (in new key to *Dasyproctus* of Asia and Oceania); Saini and Dey, 2022e:161 (in list of *Dasyproctus* of Indian subcontinent).

63. *pulveris* (Nurse)

Crabro pulveris Nurse, 1902:87, ♀. Holotype or syntypes: ♀, India: Gujarat: Deesa (BMNH). – Ramakrishna Aiyar, 1916:559 (in catalog of Indian aculeates described after Bingham, 1897). – **As *Dasyproctus pulveris***: Leclercq, 1950b:12 (new combination), 1954c:262 (in catalog of world Crabronini), 1956d:142 (additional Indian localities, redescription), 1958a:38 and 46 (in key to world *Dasyproctus*), 1972b:102, 106 (in key to *Dasyproctus* of Asia and Oceania), 118 (bibliographic references); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 2015:62, 64, 65 (in new key to *Dasyproctus* of Asia and Oceania), 82 (bibliographic references, may be a subspecies of *Dasyproctus arabs*); Binoy, Girish Kumar, and Santosh, 2021b:468, 469 (in key to *Dasyproctus* of India); 491 (in revision of *Dasyproctus* of India); Saini and Dey, 2022e:161 (in list of *Dasyproctus* of Indian subcontinent); Mawadda and Girish Kumar, 2023:108 (in checklist of Crabroninae of Northern India).

64. *ralumus* Leclercq

Dasyproctus ralumus Leclercq, 1972b:118, ♀. Holotype: ♀, Papua New Guinea: New Britain: Ralum: Wuna Marita (ZMHU). – Leclercq, 1972b:102 (in key to *Dasyproctus* of Asia and Oceania); R. Bohart and Menke, 1976:421 (in

checklist of world Sphecidae); Leclercq, 2015:60 (in new key to *Dasyproctus* of Asia and Oceania), 82 (bibliographic references).

65. *saevus* (de Saussure)

Crabro saevus de Saussure, 1892:579, ♂. Holotype or syntypes: ♂, Madagascar: Antananarivo area (MHNG). – Dalla Torre, 1897:624 (in catalog of world Sphecidae); Arnold, 1945:172 (in revision of Madagascan Sphecidae; redescription). – **As *Dasyproctus saevus***: Leclercq, 1954c:261 (new combination, in catalog of world Crabronini), 1958a:54 (in key to world *Dasyproctus*), 86 (diagnostic characters); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 1990a:233, 234, 238, and 239 (in key to Afrotropical *Dasyproctus*), 252 (bibliographic references), 1991d:28 (relation to *medicus*, summary of collecting localities); Pulawski, 2003b:796 (in checklist of Malagasy Sphecidae); Dollfuss, 2006:418 (Kenya, Malawi, Namibia, Tanzania, Zimbabwe); Madl, 2014a:952 (in catalog of Ampulicidae, Crabronidae, and Sphecidae of Malagasy subregion, with synonymy and locality records); Leclercq, 2015:48, 49, 50, 53 (in new key to Afrotropical *Dasyproctus*), 82 (bibliographic references, color variation, locality records from Kenya, Saudi Arabia, Senegal, Somalia, Yemen, Zaire, and Zambia); Gadallah, 2020b:34 (in list of aculeate wasps of Arabian Peninsula).

Thyreopus stevensoni Arnold, 1926:369, ♀, ♂ (as *Stevensoni*, incorrect original capitalization), primary homonym of *Thyreopus stevensoni* Arnold, 1926:344. Syntypes: Zimbabwe: Bulawayo (SAM). Synonymized with *Dasyproctus saevus* by Leclercq, 1990a:253. – Arnold, 1930:14 (in checklist of Afrotropical Sphecidae). – **As *Crabro stevensoni***: Arnold, 1940:135 (new combination, preoccupied). – **As *Dasyproctus stevensoni***: Schouteden, 1930:94 (new combination, Zaire); Leclercq, 1954c:260 (in catalog of world Crabronini), 1958a:51 (in key to world *Dasyproctus*), 88 (diagnostic characters), 1961b:82 (Zaire: Garamba National Park); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae).

Crabro stevensonianus Arnold, 1940:135 (as *Stevensonianus*, incorrect original capitalization). Substitute name for *Thyreopus stevensoni* Arnold, 1926:369. – **As *Dasyproctus stevensonianus***: R. Bohart and Menke, 1976:421 (as synonym of *Dasyproctus stevensoni*); Dollfuss, 1990a:122 (Central African Republic, as *stephensonianus*).

Crabro stevensonianus occidentalis Arnold, 1951:164, ♂. Holotype: ♂, Ghana: Aburi (BMNH). Synonymized with *Dasyproctus stevensoni* by Leclercq, 1954c:259.

66. *sandakanus* Leclercq

Dasyproctus sandakanus Leclercq, 1972b:119, ♀. Holotype: ♀, Malaysia: Sabah: Sandakan (USNM). – Leclercq, 1972b:104 (in key to *Dasyproctus* of Asia and Oceania); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 2015:59 (in new key to *Dasyproctus* of Asia and Oceania), 83 (bibliographic references).

67. *saussurei* (Kohl)

Crabro saussurei Kohl, 1894:282, ♂ (as *Saussurei*, incorrect original capitalization). Holotype or syntypes: ♂, Madagascar: no specific locality (NHMW). – Dalla Torre, 1897:624 (in catalog of world Sphecidae); W. Schulz, 1911:185 (as new synonym of *Crabro crudelis*); Arnold, 1945:174 (synonymy with *Crabro crudelis* invalid). – **As *Dasyproctus saussurei***: Leclercq, 1954c:261 (new combination, in catalog of world Crabronini), 1958a:50 (in key to world *Dasyproctus*), 75 (listed; female head longer than in other *Dasyproctus*), 1961b:87 (Madagascar: Mailaka); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Dollfuss, 1989:9 (holotype in NHMW); Leclercq, 1990a:234 and 242 (in key to Afrotropical *Dasyproctus*), 254 (bibliographic references), 1991d:31 (relations to *crudelis*, summary of collecting localities); Pulawski, 2003b:796 (in checklist of Malagasy Sphecidae); Madl, 2014:953 (in catalog of Ampulicidae, Crabronidae, and Sphecidae of Malagasy subregion, with synonymy and locality records); Leclercq, 2015:49, 55 (in new key to Afrotropical *Dasyproctus*), 83 (bibliographic references).

Crabro infrarugosus Arnold, 1945:173, ♀, ♂. Syntypes: Madagascar: Rogez (MNHN). Synonymized with *Dasyproctus saussurei* by Leclercq, 1958a:75. – **As *Dasyproctus infrarugosus***: Leclercq, 1954c:261 (new combination, in catalog of world Crabronini).

68. *scotti* R. Turner

Dasyproctus scotti R. Turner, 1911b:373, ♀, ♂. Syntypes: Seychelles: Silhouette: Mare aux Cochons (BMNH). – Leclercq, 1950b:10 (is a member of *Dasyproctus*), 1954c:257 (in catalog of world Crabronini); Vesey-Fitzgerald, 1956b:362 (Seychelles); Leclercq, 1958a:37 (in key to world *Dasyproctus*), 62 (additional description), 1972b:102 (in key to *Dasyproctus* of Asia and Oceania), 119 (bibliographic references); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 1990a:223 (in key to Afrotropical *Dasyproctus*), 254 (bibliographic references), 1991d:32 (summary of collecting localities); Madl, Matyot, and Schödl, 1996:833 (Seychelles Islands); Madl, 2014a:953(in catalog of Ampulicidae, Crabronidae, and Sphecidae of Malagasy subregion, with synonymy and locality records); Leclercq, 2015:43 (in new key to Afrotropical *Dasyproctus*), 56 (in key to *Dasyproctus* of Asia and Oceania), 83 (bibliographic references).

69. *semifulvus* Tsuneki

Dasyproctus semifulvus Tsuneki, 1977d:12, ♀. Holotype: ♀, New Guinea, the Mafor, Geelvink Bay (TMB). – Leclercq, 2015:60 (in new key to *Dasyproctus* of Asia and Oceania), 83 (bibliographic references).

70. *septemmaculatus* Tsuneki

Dasyproctus septemmaculatus Tsuneki, 1977d:10, ♀. Holotype: ♀, Papua New Guinea: New Ireland: Lemkamin (ZMUC). – Tsuneki, 1982a:47 (same record); Leclercq, 2015:62 (in new key to *Dasyproctus* of Asia and Oceania), 83 (bibliographic references).

71. *simillimus* (F. Smith)

Crabro simillimus F. Smith, 1856:393, ♀, ♂. Syntypes: South Africa: Western Cape Province: Cape of Good Hope (BMNH). – Dalla Torre, 1897:629 (in catalog of world Sphecidae); Cameron, 1910:151 (South Africa: Pretoria). – **As *Thyreopus simillimus***: Arnold, 1926:365 (new combination, as synonym of *Thyreopus bipunctatus*). – **As *Dasyproctus simillimus***: Leclercq, 1954c:260 (new combination, as synonym of *Dasyproctus bipunctatus*), 1958a:55 (in key to world *Dasyproctus*), 85 (as *Dasyproctus bipunctatus* var. *simillimus*; Burundi, Kenya, South Africa); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 1990a:235 and 241 (in key to Afrotropical *Dasyproctus*), 254 (redefinition), 1991d:33 (summary of collecting localities); S. Gess, 1996:290 (floral records); Dollfuss, 2006:418 (South Africa: Western Cape Province: Barrydale); S. Gess and F. Gess, 2003:105, 106 (South Africa: visiting flowers of *Foeniculum vulgare* Mill., Apiaceae, *Berkheya heterophylla* (Thunb.) O. Hoffm., Asteraceae, and *Acacia karroo* Hayne, Fabaceae); Leclercq, 2015:50, 55 (in new key to Afrotropical *Dasyproctus*, as *simillimus simillimus*), 83 (bibliographic references, locality records from South Africa).

Thyreopus bipunctatus race *jucundus* Arnold, 1926:367, ♀. Holotype: ♀, South Africa: either Eastern Cape Province: Algoa Bay , or Western Cape Province: Ceres or Camps Bay, a suburb of Cape Town (TMP). Synonymized with *Dasyproctus simillimus simillimus* by Leclercq, 1990a:255. – Arnold, 1930:13 (in checklist of Afrotropical Sphecidae); Giordani Soika, 1939c:102 (Eritrea: Enda Abba, Mata); Guiglia, 1943:76 (Ethiopia: Gamo Gofa: Sagan–Omo region), 1950:258 (Ethiopia: Gamo Gofa: Gondaraba at 4°58'N 36°49'E); Hancock, Chahwanda, and Mhlanga, 1995:40 (syntype in Bulawayo Museum). – **As *Crabro bipunctatus* race *jucundus***: Berland, 1932b:971 (new combination, South Africa: Johannesburg; damaging stems of *Gladiolus*).

Dasyproctus capensis Skaife, 1953:338 and plate 54b, ♀. Syntypes: ♀, South Africa: Cape Province (either Eastern or Western): no specific locality (depository unknown). Synonymized with *Dasyproctus simillimus* by Gess, 1980b:104.

ssp. *burundicus* Leclercq

Dasyproctus simillimus burundicus Leclercq, 1990a:254, ♀. Holotype: ♀, Burundi: Rumonge (MRAC). – Leclercq, 1990a:235 (in key to Afrotropical *Dasyproctus*), 1991d:32 (summary of collecting localities), 2015:50 (in new key to Afrotropical *Dasyproctus*), 83 (bibliographic references).

ssp. *funereus* (Arnold)

Thyreopus bipunctatus race *funereus* Arnold, 1926:366, ♂. Holotype: ♂, Zimbabwe: Vumbu Mountains near Umtali (SAM). – Arnold, 1927:125 (description of ♀), 1930:13 (in checklist of Afrotropical Sphecidae). – **As *Dasyproctus bipunctatus* race *funereus***: Leclercq, 1954c:260 (new combination, as synonym of *Dasyproctus bipunctatus*), 1958a:55 (in key to world *Dasyproctus*), 85 (listed, as var. *funereus*). – **As *Dasyproctus bipunctatus funereus***: R. Bohart and Menke, 1976:420 (new status, in checklist of world Sphecidae). – **As *Dasyproctus simillimus funereus***: Leclercq, 1990a:235 and 241 (in key to Afrotropical *Dasyproctus*), 254 (new subspecific combination; Angola, Malawi, Zimbabwe), 1991d:32 (status, summary of collecting localities); Dollfuss, 2006:418 (Malawi: Dedza 85 km southeast of Lilongwe); Leclercq, 2015:50, 54 (in new key to Afrotropical *Dasyproctus*), 83 (bibliographic references).

ssp. *kenyanus* Leclercq

Dasyproctus simillimus kenyanus Leclercq, 1990a:255, ♀, ♂. Holotype: ♂, Kenya: Nairobi (BMNH). Paratypes: Tanzania, Uganda. – Leclercq, 1990a:235 and 241 (in key to Afrotropical *Dasyproctus*), 1991d:33 (summary of collecting localities); Dollfuss, 2006:418 (Kenya: Wundanyi); Leclercq, 2015:50, 55 (in new key to Afrotropical *Dasyproctus*), 83 (bibliographic references).

ssp. *oedignathus* (Arnold)

Thyreopus oedignathus Arnold, 1933a:355, ♂. Holotype: ♂, Ethiopia: Jem Jem Forest (BMNH). – **As *Crabro oedignathus***: Arnold, 1951:163 (description of ♀, Ethiopia). – **As *Dasyproctus oedignathus***: Leclercq, 1954c:260 (new combination, in catalog of world Crabronini), 1958a:50 (in key to world *Dasyproctus*), 86 (Kenya, variation), 1961b:86 (Zaire: Garamba National Park), 1962a:395 (Tanzania: Mount Meru); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae). – **As *Dasyproctus simillimus oedignathus***: Leclercq, 1990a:235 and 241 (in key to Afrotropical *Dasyproctus*), 255 (new status), 1991d:33 (summary of collecting localities), 2015:50, 55 (in new key to Afrotropical *Dasyproctus*), 83 (bibliographic references; Ethiopia: Asella: Arssi).

ssp. *tervureni* Leclercq

Dasyproctus bipunctatus var. *tervureni* Leclercq, 1958:82, ♂. Holotype: ♂, Zaire: Kivu: southern foothills of Kahuzi (MRAC). – Leclercq, 1958a:55 (in key to Afrotropical *Dasyproctus*). – **As *Dasyproctus bipunctatus tervureni***: R. Bohart and Menke, 1976:420 (new status, in checklist of world Sphecidae). – **As *Dasyproctus simillimus tervureni***: Leclercq, 1990a:243 (in key to Afrotropical *Dasyproctus*), 255 (new subspecific combination), 1991d:34 (summary of collecting localities), 2015:56 (in new key to Afrotropical *Dasyproctus*), 83 (bibliographic references).

72. *solitarius* (F. Smith)

Crabro solitarius F. Smith, 1859a:162, ♀. Holotype or syntypes: ♀, Indonesia: Maluku: Island of Aru (OXUM). – F. Smith, 1863b:136 (known from Aru); Dalla Torre, 1897:629 (in catalog of world Sphecidae). – **As *Dasyproctus solitarius***: R. Turner, 1912g:376 (new combination); Leclercq, 1950b:10 (is a member of *Dasyproctus*), 1954c:258 (in catalog of world Crabronini), 1956d:142 (redescription), 1958a:37 (in key to Afrotropical *Dasyproctus*); Leclercq, 1972b:102 (in key to *Dasyproctus* of Asia and Oceania), 120 (bibliographic references); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 2015:62 (in new key to *Dasyproctus* of Asia and Oceania), 83 (bibliographic references, specimen identical to holotype is in BMNH).

73. *solomonensis* Tsuneki

Dasyproctus solomonensis Tsuneki, 1983h:16, ♀. Holotype: ♀, Solomon Islands: Island of Florida: Siota (CAS). – Pulawski, 1994:27 (CAS holotype no. 15123); Leclercq, 2015:62 (in new key to *Dasyproctus* of Asia and Oceania), 83 (bibliographic references).

74. *temporalis* Leclercq

Dasyproctus temporalis Leclercq, 1963:19, ♂. Holotype: ♂, Malaysia: Borneo: Sandakan cape (FSAG). – Leclercq, 1972b:107 (in key to *Dasyproctus* of Asia and Oceania), 120 (bibliographic references); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 2007g:194 (holotype in FSAG), 65 (in key to *Dasyproctus* of Asia and Oceania).

75. *togonus* Leclercq

Dasyproctus togonus Leclercq, 1990a:255, ♀. Holotype: ♀, Togo: Yégoué (ZMHU). – Leclercq, 1990a:231 (in key to Afrotropical *Dasyproctus*), 1991d:35 (summary of collecting localities), 2015:48 (in new key to Afrotropical *Dasyproctus*), 84 (bibliographic references).

76. *townesi* Leclercq

Dasyproctus townesi Leclercq, 1963:20, ♀, ♂. Holotype: ♀, Philippines: Negros: Mount Canlaon (AEI). – Leclercq, 1963:24 (in key); Baltazar, 1966:355 (in catalog of Hymenoptera of Philippines); Leclercq, 1972b:102 (in key to *Dasyproctus* of Asia and Oceania), 120 (bibliographic references, additional localities from Philippines); Tsuneki, 1984b:26 (Philippines), 1984f:14 (Philippines), 38 (in key to Crabronini of Philippines); Leclercq, 2015:62, 64 (in new key to *Dasyproctus* of Asia and Oceania), 84 (bibliographic references; geographic variation; Malaysia: Sabah: near Long Pa Sia).

As *Dasyproctus yorkoides*: Tsuneki, 1984b:27 and 33, ♂ only (Philippines), corrected to *Dasyproctus townesi* by Tsuneki, 1984f:14.

Dasyproctus toxopterus Leclercq, 1963:21, ♂. Holotype: ♂, Philippines: Mindanao: Zamboanga (USNM). Synonymized with *Dasyproctus townesi* by Tsuneki, 1984f:14. – Leclercq, 1963:24 (in key to *Dasyproctus* of *vechtinus* – *ferox* group); Baltazar, 1966:355 (in catalog of Hymenoptera of Philippines); Leclercq, 1972b:103 (in key to *Dasyproctus* of Asia and Oceania), 120 (bibliographic references); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Tsuneki, 1984b:26 (Philippines). – **As *Dasyproctus townesi* var. *toxopterus***: Leclercq, 2015:64 (new status, in new key to *Dasyproctus* of Asia and Oceania).

77. *tsunekii* Binoy, Girish Kumar, and Santosh

Dasyproctus tsunekii Binoy, Girish Kumar and Santosh, 2021:494, ♂. Holotype: ♂, India: Kerala: Kannur District: Meloor paddy field at 11°05'33"N 76°47'13"E (Zoological Survey of India, Western Ghat Regional Centre, Kozhikode, Kerala, India). – Binoy, Girish Kumar, and Santosh, 2021b:469 (in key to *Dasyproctus* of Indi a).

78. *tyronus* Leclercq

Dasyproctus tyronus Leclercq, 1963:22, ♂. Holotype: ♂, Malaysia: Borneo: Sandakan cape (FSAG). – Leclercq, 1963:25 (in key to *Dasyproctus* of *vechtinus* – *ferox* group), 1972b:103 (in key to *Dasyproctus* of Asia and Oceania), 120 (bibliographic references); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 2007g:194 (holotype in FSAG), 2015:64 (in new key to *Dasyproctus* of Asia and Oceania), 84 (bibliographic references).

79. *uruensis* Leclercq

Dasyproctus uruensis Leclercq, 1972b:120, ♀. Holotype: ♀, Indonesia: Sulawesi: Latimodjong, Uru (ZMHU). – Leclercq, 1972b:106 (in key to *Dasyproctus* of Asia and Oceania); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 2015:62 (in new key to *Dasyproctus* of Asia and Oceania), 84 (bibliographic references).

80. *vaporus* Leclercq

Dasyproctus vaporus Leclercq, 1963:22, ♀. Holotype: ♀, Philippines: Mindanao: Bukidnon Province: Tangcolan (USNM). – Leclercq, 1963:24 (in key to *Dasyproctus* of *vechtinus* – *ferox* group); Baltazar, 1966:354 (in catalog of Hymenoptera of Philippines); Leclercq, 1972b:103 (in key to *Dasyproctus* of Asia and Oceania), 121 (bibliographic references); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Tsuneki, 1984f:15 (Philippines), 38

and 39 (in key to Crabronini of Philippines); Tsuneki et al., 1992b:41 (Philippines: Mindanao); Leclercq, 2015:62, 64, 67 (in new key to *Dasyproctus* of Asia and Oceania), 84 (bibliographic references, comparison of females of *Dasyproctus vaporus* and *yorkoides*); Yue, Ma, and Li, 2021:29, 32 (first record from China: Yunnan Province: Dehong Prefecture: several localities).

Dasyproctus sculpturatus Tsuneki, 1976b:113, ♂. Holotype: ♂, Philippines: Tawi Tawi: Tarawakan (ZMUC), synonymized with *Dasyproctus vaporus* by Tsuneki, 1984f:16. – Tsuneki, 1984b:29 (Philippines), 33 (male genitalia).

81. *vechtinus* Leclercq

Dasyproctus vechtinus Leclercq, 1957j:57, ♀. Holotype: ♀, Indonesia: Sulawesi: Mapanget: Menado: Minahasa (RMNH). – Leclercq, 1958a:38 (in key to world *Dasyproctus*), 1963:24 (in key to *vechtinus* – *ferox* species group), 1972b:102 (in key to *Dasyproctus* of Asia and Oceania), 121 (bibliographic references; Indonesia: Sulawesi: Bonthain: Wawa Karaeng); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Leclercq, 2015:62 (in new key to *Dasyproctus* of Asia and Oceania), 85 (bibliographic references; Indonesia: Island of Mangole: Mandafuhi Camp).

82. *venans* (Kohl)

Crabro venans Kohl, 1894:284, ♀. Holotype or syntypes: ♀, Palau Islands: no specific locality (NHMW). – Dalla Torre, 1897:636 (in catalog of world Sphecidae); R. Brown, 1906:687 (in catalog of Philippine Hymenoptera). – **As *Dasyproctus venans***: Leclercq, 1954c:258 (new combination, in catalog of world Crabronini), 1956d:159 (diagnostic characters), 1958a:44 (in key to world *Dasyproctus*); Baltazar, 1966:355 (occurrence in Philippines questionable); Leclercq, 1972b:105 (in key to *Dasyproctus* of Asia and Oceania), 121 (bibliographic references); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Tsuneki, 1977d:12 (Palau Islands); Dollfuss, 1989:9 (type material in NHMW); Leclercq, 2015:60, 65 (in new key to *Dasyproctus* of Asia and Oceania), 85 (bibliographic references).

Rhopalum (?) sp.: Townes, 1946:51, corrected to *Dasyproctus immaculatus* by Krombein, 1949b:392.

Dasyproctus immaculatus Krombein, 1949b:392, ♀, ♂. Holotype: ♂, Micronesia: Palau Islands: Island of Koror (USNM). Synonymized with *Dasyproctus venans* by Leclercq, 1956d:159. – Krombein, 1949b:381 (in key to Sphecidae of Micronesia), 1950b:138 (additional localities from Palau); Leclercq, 1954c:258 (in catalog of world Crabronini); Terayama, 2020:17 (Micronesia: Palau).

83. *vietnamensis* Pham

Dasproctus vietnammensis Pham, 2022:50, ♀. Holotype: ♀, Vietnam: Ha Noi: Da Ton: Gia Lam (Institute of Ecology and Biological Resources (IEBR), Vietnam Academy of Science and Technology, Ha Noi, Vietnam). – Pham, 2022:44 (in key to *Dasyproctus* of Vietnam), 52, 53 (illustrations).

84. *vumbuiensis* (Arnold)

Thyreopus collaris Arnold, 1932:28, ♂. Holotype: ♂, Zimbabwe: Umtali in Vumbu Mountains (SAM). – Hancock, Chahwanda, and Mhlanga, 1995:40 (paratype in Bulawayo Museum). – **As *Crabro collaris***: Arnold, 1940:135 (new combination, junior secondary homonym of *Crabro collaris* Matsumura, 1912). – **As *Dasyproctus collaris***: Leclercq, 1954c:261 (new combination, in catalog of world Crabronini), 1958a:51 and 54 (in key to world *Dasyproctus*), 88 (Burundi, Rwanda); R. Bohart and Menke, 1976:420 (in checklist of world Sphecidae).

Crabro vumbuiensis Arnold, 1940:135, substitute name for *Crabro collaris* (Arnold, 1932). – Arnold, 1944:30 (description of ♀). – **As *Dasyproctus vumbuiensis***: R. Bohart and Menke, 1976:420 (new combination, in checklist of world Sphecidae); Leclercq, 1990a:235 and 243 (in key to Afrotropical *Dasyproctus*), 255 (bibliographic references), 1991d:36 and 38 (summary of collecting localities), 2015:50, 56 (in new key to Afrotropical *Dasyproctus*), 85 (bibliographic references).

85. *westermanni* (Dahlbom)

Megapodium westermanni Dahlbom, 1844:295, ♀ (as *Westermanni*, incorrect original capitalization). Holotype: ♀, South Africa: Cape of Good Hope (Lund). – **As *Crabro westermanni***: F. Smith, 1856:392 (new combination, in catalog of Hymenoptera in British Museum); Dalla Torre, 1897:637 (new combination, in catalog of world Sphecidae). – **As *Thyreopus westermanni***: Arnold, 1926:368 (new combination, in revision of Afrotropical Sphecidae), 1930:13 (in checklist of Afrotropical Sphecidae). – **As *Dasyproctus westermanni***: Dahlbom, 1845:511 (new combination, in key to *Dasyproctus*); Leclercq, 1954c:261 (in catalog of world Crabronini), 1958a:48 and 52 (in key to world *Dasyproctus*), 68 (variation; Namibia, South Africa, Zaire); Fain, 1973:179 (parasite: *Crabrovidia dasyproctus* Fain, a saproglyphid mite); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Gess, 1981:31 (South Africa: Hilton Farm 18 km west-northwest of Grahamstown; nesting in pithy stems; prey), 64, 65 (nesting exclusively within green inflorescence stems of *Urginea altissima*, Hyacinthaceae; no other *Dasyproctus* uses this plant), 66 (nesting habitat endangered by browsing herbivores); Leclercq, 1990a:224, 229, and 242 (in key to Afrotropical *Dasyproctus*), 256 (bibliographic references), 1991d:32 (variation, summary of collecting localities), 1991d:32 (variation, summary of collecting localities), 2015:44, 46, 55 (in new key to Afrotropical *Dasyproctus*), 86 (bibliographic references; South Africa: KwaZulu-Natal: Tugela Beach).

Dasyproctus schoenlandi Cameron, 1905m:226, ♀ (as *schönlandi*, incorrect original diacritic mark). Holotype or syntypes: South Africa: Eastern Cape Province: Grahamstown (BMNH?). Synonymized with *Thyreopus westermanni* by Arnold, 1926:368.

ssp. *rhodesiensis* Arnold

Thyreopus westermanni var. *rhodesiensis* Arnold, 1926:369, ♀, ♂. Syntypes: Zimbabwe: no specific locality (SAM). – Leclercq, 1954c:261 (new combination, as new synonym of *Dasyproctus westermanni*). – **As *Dasyproctus westermanni rhodesiensis***: Leclercq, 1990a:229 (in key to Afrotropical *Dasyproctus*), 256 (new status), 1991d:39 (summary of collecting localities); Dollfuss, 2006:418 (Kenya: Voi; Zimbabwe: 100 km south of Bulawayo, 30 km west of Harare); Leclercq, 2015:47 (in new key to Afrotropical *Dasyproctus*), 86 (bibliographic references, variation, locality records from Kenya).

86. *yorki* Leclercq

Dasyproctus yorki Leclercq, 1956d:157, ♀. Holotype: ♀, Australia: Queensland: Cape York: no specific locality (NHMW). – Leclercq, 1958a:41 (in key to world *Dasyproctus*), 1963:25 (Philippines); Baltazar, 1966:356 (in catalog of Hymenoptera of Philippines); Leclercq, 1972b:105 (in key to *Dasyproctus* of Asia and Oceania), 121 (bibliographic references; does not occur in Philippines; Australia: Queensland: Island of Fitzroy); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Cardale, 1985:274 (in catalog of Australian Sphecidae); Dollfuss, 1989:9 (holotype in NHMW); Naumann, 1993:182 (Australia: Queensland: Heathlands area in Cape York); Leclercq, 2015:60, 67 (in new key to *Dasyproctus* of Asia and Oceania, as *yorki yorki*), 86 (bibliographic references, locality records from Australia, additional description).

ssp. *philippinicus* Tsuneki

Dasyproctus yorki philippinicus Tsuneki, 1984b:29, ♀, ♂. Holotype: ♀, Philippines: Luzon: San Fernando (originally K. Tsuneki coll., now USNM). – Tsuneki, 1984f:16 (listed), 17 (Philippines), 39 and 40 (in key to Crabronini of Philippines); Nuhn and Menke, 1994:27 (holotype not transferred to USNM, possibly returned to T. Murota, the collector); Menke, 1995:14 (type still in K. Tsuneki collection); Tano, 1995:45 (holotype in K. Tsuneki collection); Leclercq, 2015:60, 67 (in new key to *Dasyproctus* of Asia and Oceania), 87 (bibliographic references; Philippines: Batanoas: Matvod Lian); Tano, 2020:26 (holotype in USNM).

Dasyproctus puncticeps Tsuneki, 1984b:32, ♂. Holotype: ♂, Philippines: Luzon: Naguilian (originally K. Tsuneki coll., now USNM). Synonymized with *Dasyproctus yorki philippinicus* by Tsuneki, 1984f:17. – Tsuneki, 1984b:33 (male genitalia); Nuhn and Menke, 1994:27 (holotype not transferred to USNM, possibly returned to T. Murota, the

collector); Menke, 1995:14 (type still in K. Tsuneki collection); Tano, 1995:46 (holotype in K. Tsuneki collection), 2020:26 (holotype in USNM).

87. *yorkoides* Leclercq

Dasyproctus yorkoides Leclercq, 1972b:122, ♀, ♂. Holotype: ♀, Philippines: Negros: Cuernos Mountains (USNM). – Leclercq, 1972b:105, 109 (in key to *Dasyproctus* of Asia and Oceania); R. Bohart and Menke, 1976:421 (in checklist of world Sphecidae); Tsuneki, 1984b:27 (Philippines) and 33 (male genitalia; ♀ only, ♂ = *Dasyproctus townesi*), 1984f:16 (as new synonym of *Dasyproctus vaporus*); Leclercq, 2015:60, 66 (in new key to *Dasyproctus* of Asia and Oceania, as *yorkoides yorkoides*), 87 (bibliographic references, locality records from Philippines and Malaysia, redescription of ♂).

As *Dasyproctus yorki*: Leclercq, 1963:25 (Philippines), corrected to *Dasyproctus yorkoides* by Leclercq, 1972:122.

ssp. *palawanensis* Tsuneki

Dasyproctus palawanensis Tsuneki, 1976b:114, ♂. Holotype: ♂, Philippines: Palawan: Uring Uring (ZMUC). – Haneda, 2011:47 (Philippines: Palawan: Baheli and Puerto Princesa). – **As *Dasyproctus vaporus palawanensis***: Tsuneki, 1984f:16 (new status), 17 (Philippines), 39 and 40 (in key to Crabronini of Philippines). – **As *Dasyproctus yorkoides palawanensis***: Leclercq, 2015:60, 67 (in new key to *Dasyproctus* of Asia and Oceania), 87 (bibliographic references, locality records from Philippines).

88. *zibar* Leclercq

Dasyproctus zibar Leclercq, 2015:88, ♀, Holotype: ♀, Tanzania: Island of Zanzibar: Mzingani Forest (FSAG). – Leclercq, 2015:48 (in new key to Afrotropical *Dasyproctus*).

sp.

Begun and Bose, 1976:26 (Bangladesh: Dakka); Rodgers and Homewood, 1982:233 (Tanzania: Usambara Mountains); Tano and Kurokawa, 2015:27 (central Vietnam: Son Tra Peninsula); Gadallah, 2020b:5 (in list of aculeate wasps of Arabian Peninsula).

NOMEN NUDUM IN *DASYPROCTUS*

Dasyproctus speighti Leclercq: Dollfuss, 1989:9, nomen nudum (paratype in NHMW), 1990a:122, nomen nudum (Central African Republic).

SPECIES DESCRIBED IN *DASYPROCTUS* AND TRANSFERED TO OTHER GENERA

spilaspis Cameron, 1907 = *Eupliloides*
verutus Rayment, 1932 = *Rhopalum*
sakalavus Leclercq, 1967 = *Ectemnius praeclarus* Arnold