LIOPONERA

**aberrans.** *Phyracaces aberrans* Clark, 1934b: 25, pl. 2, fig. 6 (w.) AUSTRALIA (Queensland).

- Type-material: holotype (?) worker.
- [Note: no indication of number of specimens is given; Taylor & Brown, 1985: 23, suspect a syntype series.]
- Type-locality: Australia: N Queensland, Kuranda (*F. P. Dodd*).
- Type-depository: SAMA.
- Combination in *Cerapachys*: Brown, 1975: 22;
- Distribution: Australia.

**adama.** *Cerapachys (Phyracaces) adamus* Forel, 1910b: 18 (w.) AUSTRALIA (Queensland).

- Type-material: syntype workers (number not stated).
- Type-locality: Australia: Queensland, Kuranda, nr Cairns (*R. Turner*).
- Type-depositories: ANIC, MHNG.
- Combination in *Phyracaces*: Emery, 1911d: 11;
  - combination in *Cerapachys*: Brown, 1975: 67;
- Distribution: Australia.

**aegyptiacus.** *Cerapachys aegyptiacus* Brown, 1975: 22.

- Replacement name for *Lioponera cooperi* Donisthorpe, 1939a: 255. [Junior secondary homonym of *Phyracaces cooperi* Arnold, 1915: 18.]
- Combination in *Lioponera*: Borowiec, M.L. 2016: 164 (by implication).

**alfierii.** *Lioponera alfierii* Donisthorpe, 1939a: 256 (m.) EGYPT.

- Type-material: holotype male.
- Type-locality: Egypt: Wadi Digla, 23.viii.1925 (*Alfieri*).
- Type-depository: BMNH.
- Combination in *Cerapachys*: Brown, 1975: 22.
- **Status as species**: Brown, 1975: 22.

**angustata.** *Phyracaces angustatus* Clark, 1924b: 76, pl. 6, fig. 7 (q.) AUSTRALIA (Western Australia).

- Type-material: holotype ergatoid queen.
- Type-locality: Australia: Western Australia, National Park (*J. Clark*).
- Type-depository: MVMA.
- Combination in *Cerapachys*: Brown, 1975: 22;
- Distribution: Australia.

**anokha.** *Cerapachys anokha* Bharti & Akbar, 2013a: 88, figs. 7B, 14-16 (w.) INDIA (Kerala).

- Type-material: holotype worker, 3 paratype workers.
- Type-locality: India: Kerala, Periyar Tiger Reserve, Thanikkudy, 9°30'N, 77°16'E, 1003 m., 15.x.2011, hand picking (*S.A. Akbar*); paratypes with same data.
- Type-depositories: PUAC (holotype); BMNH, PUAC (paratypes).


Distribution: India.


Unnecessary replacement name for *Phyracaces emeryi* Viehmeyer, 1914b: 26; hence junior synonym of *emeryi*.

*australis*. *Lioponera longitarsus* var. *australis* Forel, 1895f: 422 (w.) AUSTRALIA.

Type-material: holotype (?) worker.
[Note: no indication of number of specimens is given; Taylor & Brown, 1985: 26, suspect a syntype series.]

Type-locality: Australia: Queensland, Mackay (*G. Turner*).

Type-depository: MHNG.

Subspecies of *longitarsus*: Emery, 1911d: 12; Donisthorpe, 1939a: 254.


*bakeri*. *Lioponera bakeri* Wheeler, W.M. & Chapman, 1925: 55, pl. 1, fig. 17 (w.) PHILIPPINES (Basilan I.).

Type-material: holotype worker.

Type-locality: Philippines: Basilan (*Baker*).

Type-depository: unknown.
[Note: Brown, 1975: 72, says the holotype was apparently destroyed in World War II.]

Combination in *Cerapachys*: Brown, 1975: 22;


Distribution: Philippines (Basilan).

*bicolor*. *Phyracaces bicolor* Clark, 1924b: 77, pl. 6, figs. 9, 10 (w.q.) AUSTRALIA (Western Australia).

Type-material: sytype workers, sytype ergatoid queens (numbers not stated, “Described from two colonies”).

Type-locality: Australia: Western Australia, Armadale (*J. Clark*).

Type-depository: MVMA.

Combination in *Cerapachys*: Brown, 1975: 22;


Distribution: Australia.

*bicolor*. *Lioponera bicolor* Wheeler, W.M. & Chapman, 1925: 54, pl. 1, figs. 15, 16 (w.q.m.) PHILIPPINES (Luzon I.).

Type-material: sytype workers, sytype queens, sytype males (numbers not stated, “several”).

Type-locality: Philippines: Luzon, Laguna Prov., Los Baños (*Williams*).

Type-depository: MCZC.

[Unresolved junior secondary homonym of *Phyracaces bicolor* Clark, 1924b: 77 (Bolton, 1995b: 142).]


*binodis*. *Cerapachys (Phyracaces) binodis* Forel, 1910b: 20 (w.) AUSTRALIA (Queensland).

Type-material: sytype workers (number not stated).

Type-locality: Australia: Queensland, Kuranda, nr Cairns (*R. Turner*).

Type-depositories: ANIC, MHNG.
Combination in *Phyracaces*: Emery, 1911d: 11;
combination in *Cerapachys*: Brown, 1975: 22;


**Distribution**: Australia.

*bispinata*. *Cerapachys bispinatus* Chen & Zhou, in Chen, Shi & Zhou, 2016: 3, figs. 1-10 (w.q.)

CHINA (Guangxi).

Type-material: holotype worker, 12 paratype workers, 1 paratype queen.

Type-locality: China: Guangxi, Port of Fangcheng, Shiwandashan, 21°48'N, 107°14'E, 450 m., 26.vi.2015, No. G150177 (Z. Chen); paratypes with same data.

Type-depositories: GNUC (holotype); GNUC, SFCY (paratypes).

Combination in *Lioponera*: unpublished combination.

**Distribution**: China.

*brachynodus*. *Cerapachys mayri* var. *brachynodus* Forel, 1892k: 520 (w.) MADAGASCAR.

Type-material: syntype workers (number not stated).

Type-locality: Madagascar: (no further data) (Sikora).

Type-depositories: MHNG, NHMB.

Combination in *Phyracaces*: Emery, 1911d: 11.


*braunsi*. *Phyracaces braunsi* Emery, 1902c: 27 (w.) SOUTH AFRICA.

Type-material: holotype worker.

Type-locality: South Africa: Cape Colony (*H. Brauns*).

[Note: according to Arnold, 1915: 18, the type-locality is Cape Prov., Willowmore.]

Type-depository: MSNG.

Combination in *Cerapachys*: Brown, 1975: 22;


**Status as species**: Emery, 1911d: 11; Arnold, 1915: 17; Wheeler, W.M. 1922a: 756;


**Distribution**: South Africa.

*braytoni*. *Phyracaces braytoni* Weber, 1949a: 3, fig. 4 (w.) KENYA.

Type-material: holotype worker, 1 paratype worker.

Type-locality: Kenya: ca 29 mi. SW Mtito Andei, 16.i.1948, no. 1954 (*N.A. Weber*); paratype with same data.

Type-depository: AMNH.

Combination in *Cerapachys*: Brown, 1975: 22, 63;


**Distribution**: Kenya.

*brevicollis*. *Phyracaces brevicollis* Clark, 1924a: 78, fig. 4 (w.) AUSTRALIA (Western Australia).

Type-material: holotype worker.

Type-locality: Australia: Western Australia, Kelmscott (*J. Clark*).

Type-depository: MVMA.

Combination in *Cerapachys*: Brown, 1975: 22;


**brevis.** Phyracaces brevis Clark, 1924b: 78, pl. 6, fig. 5 (w.) AUSTRALIA (Western Australia).
Type-material: syntype workers (number not stated).
Type-locality: Australia: Western Australia, Hovea (*J. Clark*).
Type-depository: MVMA.
Imai, Crozier & Taylor, 1977: 348 (k.).
Combination in Cerapachys: Brown, 1975: 22;
**Status as species:** Brown, 1975: 22; Taylor & Brown, 1985: 24; Taylor, 1987a: 17;
Distribution: Australia.

**castaneus.** Phyracaces castaneus Clark, 1924b: 79, pl. 7, figs. 7-14 (w.q.m.) AUSTRALIA (Western Australia).
Type-material: syntype worker, syntype queens, syntype males (numbers not stated, “Described from a colony containing workers, females, males, and two pseudogynes”).
Type-locality: Australia: Western Australia, Hovea (*J. Clark*).
Type-depository: MVMA.

**clarki.** Phyracaces clarki Crawley, 1922b: 433 (w.) AUSTRALIA (Western Australia).
Type-material: syntype workers (number not stated, “a small colony”).
Type-locality: Australia: Western Australia, Darlington, no. 9 (*J. Clark*).
Type-depository: OXUM.
Combination in Cerapachys: Brown, 1975: 22;
**Status as species:** Brown, 1975: 22, 66; Taylor & Brown, 1985: 24; Taylor, 1987a: 17;
Distribution: Australia.

**clara.** Phyracaces clarus Clark, 1930c: 3, fig. 1 (no. 2) (w.q.m.) AUSTRALIA (Western Australia).
Type-material: syntype workers, syntype queens, syntype males (numbers not stated).
Type-localities: Australia: Western Australia, Cannington (*D.L. Serventy*), Mundaring (*J. Clark*), Kalamunda (*J. Clark*), and National Park (*J. Clark*).
Type-depository: MVMA.
Combination in Neophyracaces: Clark, 1941: 76;
[Note: all these authors give princeps as senior synonym, but clara has priority. The error arose from Brown’s assumption that clara was a junior homonym, which is not the case.]
**Status as species:** Borowiec, M.L. 2016: 163.

**cohici.** Phyracaces cohici Wilson, 1957a: 1, fig. (w.m.) NEW CALEDONIA.
Type-material: holotype worker, paratype workers (number not stated, “a long series”), 4 paratype males.
Type-localities: holotype + paratypes New Caledonia, Ciu, 300 m., and 2 km. SW Ciu, 500 m., 21.xii.1954-21.i.1955, nos 190, 246, 263 (holotype nest series), 267, 275, 278, 298 (*E.O. Wilson*).
Type-depositories: MCZC, NHMB.
Combination in Cerapachys: Brown, 1975: 22;
Distribution: New Caledonia.

collingwoodi. Cerapachys collingwoodi Sharaf, in Fadl et al. 2007: 237, figs. 1, 2 (m.) EGYPT.
  Type-material: holotype male.
  Type-depository: EESC.
Distribution: Egypt.

congolensis. Phyracaces cooperi r. congelensis Forel, 1916: 401 (w.) DEMOCRATIC REPUBLIC OF CONGO.
  Type-material: holotype worker.
  Type-locality: Democratic Republic of Congo (“Congo”): St Gabriel (H. Kohl).
  Type-depository: MHNG.

constricta. Phyracaces constricta Clark, 1924a: 79, fig. 5 (q.) AUSTRALIA (Western Australia).
  Type-material: holotype ergatoid queen.
  Type-locality: Australia: Western Australia, Armadale (J. Clark).
  Type-depository: MVMA.
  Combination in Cerapachys: Brown, 1975: 22;
Distribution: Australia.

cooperi. Phyracaces cooperi Arnold, 1915: 18 (w.) SOUTH AFRICA.
  Type-material: syntype workers (number not stated).
  Type-locality: South Africa: Durban, Umgeni (C.B. Cooper).
  Type-depositories: BMNH, SAMC.
  Arnold, 1948: 213 (q.).

cooperi. Lioponera cooperi Donisthorpe, 1939a: 255 (m.) EGYPT.
  Type-material: 2 syntype males.
  Type-localities: Egypt: Siwa, 30.vi.1935 (J.O. Cooper), and Egypt: Marayi, 26.iii.1935 (J.O. Cooper).
  Type-depository: BMNH.
  [Junior secondary homonym of Cerapachys cooperi Arnold, 1915: 14 (at the time of Brown, 1975: 22), and of Phyracaces cooperi Arnold, 1915: 18.]
  Status as species: Donisthorpe, 1942a: 27.
  Replacement name: Cerapachys aegyptiacus Brown, 1975: 22.

coxalis. Phyracaces coxalis Arnold, 1926: 193, fig. 60 (w.) ZIMBABWE.
  Type-material: syntype workers (number not stated).
  Type-locality: Zimbabwe (“SR”): Umgusa River, Sawmills (G. Arnold).
  Type-depositories: BMNH, SAMC.
  Combination in Cerapachys: Brown, 1975: 22;
Distribution: Zimbabwe.
**crassa. Phyracaces crassus** Clark, 1941: 74, pl. 13, fig. 1 (w.) AUSTRALIA (Victoria).
Type-material: syntype workers (number not stated).
Type-locality: Australia: Victoria, Hattah (J. Clark).
Type-depository: MVMA.
Combination in *Cerapachys*: Brown, 1975: 22;
**Status as species**: Brown, 1975: 22; Taylor & Brown, 1985: 24; Taylor, 1987a: 17;
Distribution: Australia.

**daikoku. Cerapachys daikoku** Terayama, 1996: 16, figs. 26-29 (w.q.) JAPAN.
Type-material: holotype worker, 12 paratype workers, 4 paratype queens.
Type-locality: holotype Japan: Shizuoka Pref., Izu, Matsugahana, 17.ix.1990 (*E. Hasegawa*);
1 worker, 3 queens Shizuoka Pref., Kitagawa, Higashi-izu-machi, 4.v.1987 (*Sakai*), 1 queen Kagoshina
Pref., Amami-oshima, 5.v.1966 (*K. Kusigemati*).
Type-depositories: MNHA (holotype); NIAS, NSMT (paratypes).
Distribution: Japan.

**decorsei. Lioponera decorsei** Santschi, 1912b: 150 (m.) CHAD.
Type-material: holotype male.
Type-locality: Chad: southern Darbanda (Kébédié, Mission Charri Tchad) (*Decorse*).
Type-depository: NHMB.
[Note: Santschi, 1912b: 150, implies that the holotype is in MNHN; however, Baroni Urbani, 1973b: 124
reports the specimen as in NHMB.]
Combination in *Cerapachys*: Brown, 1975: 22;
**Status as species**: Wheeler, W.M. 1922a: 757; Donisthorpe, 1939a: 254; Brown, 1975: 22;
Distribution: Chad.

**desertorum. Cerapachys desertorum** Dlussky, in Dlussky, Soyunov & Zabelin, 1990: 177, fig. 43 (w.m.) UZBEKISTAN.
Type-material: holotype worker, 1 paratype male.
[Note: Dlussky comments that the holotype may be an ergatoid queen.]
Type-locality: holotype Uzbekistan: Dekhanabad, 20.v.1978, 177-76 (*G. Dlussky*); paratype: Uzbekistan:
Shirintep, Karski, 4.viii.1977 (*D. Sherbakov*).
Type-depository: ZMUM.
**Status as species**: Bolton, 1995b: 142.
Distribution: Uzbekistan.

**dromus. Phyracaces dromus** Clark, 1941: 75, pl. 13, figs. 2, 3 (w.q.) AUSTRALIA (Victoria).
Type-material: syntype workers, syntype queens (numbers not stated, “a small colony”).
Type-locality: Australia: Victoria, Patho (*H.A. Potter*).
Type-depository: MVMA.
Bolton, 1995b: 143.

**dumbletoni. Phyracaces dumbletoni** Wilson, 1957a: 5, fig. (w.q.) NEW CALEDONIA.
Type-material: holotype worker, paratype workers (number not stated, “a long series”), 1 paratype ergatoid
queen.
[Note: ergatoid queen lost: Wilson, 1957a: 7.]
Type-locality: holotype New Caledonia: Chapeau Gendarme (Yahoué), no. 65 (E.O. Wilson); paratypes: workers (number not stated) with same data, 1 worker Mt Mou (E.O. Wilson), workers (number not stated) Ciu, no. 245 (E.O. Wilson).

Type-depositories: MCZC, NHMB.

Combination in Cerapachys: Brown, 1975: 22;

**Status as species:** Wilson, 1958c: 133; Wilson, 1959b: 56; Brown, 1975: 22, 67; Taylor, 1987a: 19; Bolton, 1995b: 143.

Distribution: New Caledonia.

*eidmanni.* Phyracaces eidmanni Menozzi, 1942: 165 (w.) EQUATORIAL GUINEA (Bioko I.).

Type-material: holotype worker.

Type-locality: Equatorial Guinea (“Spanish Guinea”): Fernando Po I. (= Bioko I.) (H. Eidmann).

Type-depository: NHMB.

[Also given as new in Eidmann, 1944: 429.]


**elegans.** Phyracaces elegans Wheeler, W.M. 1918a: 254, fig. 13 (w.q.) AUSTRALIA (New South Wales).

Type-material: 40 syntype workers, 1 syntype queen.


Type-depository: MCZC.

Combination in Cerapachys: Brown, 1975: 22;

**Status as species:** Brown, 1975: 22; Taylor & Brown, 1985: 25; Taylor, 1987a: 17;

Distribution: Australia.

*emeryi.* Phyracaces emeryi Viehmeyer, 1914b: 26 (w.) AUSTRALIA (South Australia).

Type-material: holotype worker.

Type-locality: Australia: South Australia, Killalpaninna (no collector’s name).

Type-depository: MNHU.

Combination in Cerapachys: Brown, 1975: 22;

**Status as species:** Wheeler, W.M. 1918a: 243; Brown, 1975: 22; Taylor & Brown, 1985: 25;

Senior synonym of aranus (unnecessary replacement name).

Distribution: Australia.

*fervida.* Phyracaces fervidus Wheeler, W.M. 1918a: 245, fig. 9 (w.) AUSTRALIA (Queensland).

Type-material: 19 syntype workers.

Type-locality: Australia: Queensland, Cairns, 18.x.1914 (W.M. Wheeler).

Type-depository: MCZC.

Combination in Cerapachys: Brown, 1975: 22;

**Status as species:** Brown, 1975: 22, 65; Taylor & Brown, 1985: 25; Taylor, 1987a: 17;

Bolton, 1995b: 143.

Bolton, 1995b: 143.

Bolton, 1995b: 143.


Distribution: Australia.

*fici*. *Phyracaces fici* Viehmeyer, 1924a: 222 (w.q.) AUSTRALIA (New South Wales).
Type-material: syntype workers (number not stated), 1 syntype ergatoid queen.
Type-locality: Australia: New South Wales, Trial Bay (*H. Overbeck*).
Type-depositories: MNHU, USNM.

*ficosa*. *Phyracaces ficosus* Wheeler, W.M. 1918a: 252, fig. 12 (w.) AUSTRALIA (New South Wales).
Type-material: 12 syntype workers.
Type-locality: Australia: New South Wales, Bulli Pass, 4.xii.1914 (*W.M. Wheeler*).
Type-depository: MCZC.
Combination in *Cerapachys*: Brown, 1975: 22;

Distribution: Australia.

*flammea*. *Phyracaces flammeus* Clark, 1930c: 4, fig. 1 (no. 3) (w.q.) AUSTRALIA (Western Australia).
Type-material: sytype workers, sytype queens (numbers not stated).
Type-localities: Australia: Western Australia, Lesmurdie Falls (*J. Clark*).
Type-depository: MVMA.
Combination in *Cerapachys*: Brown, 1975: 22;

Distribution: Australia.

*flavescens*. *Phyracaces flavescens* Clark, 1930c: 5, fig. 1 (no. 4) (w.q.) AUSTRALIA (Western Australia).
Type-material: sytype workers, sytype queens (numbers not stated).
Type-localities: Australia: Western Australia, Eradu (*J. Clark*).
Type-depository: MVMA.

*foreli*. *Phyracaces foreli* Santschi, 1914d: 309 (w.) GHANA.
Type-material: holotype worker.
Type-locality: Ghana (“Gold Coast”): Aburi (*F. Silvestri*).
Type-depository: DEUN.
Santschi, 1915c: 245 (q.).
Combination in *Cerapachys*: Brown, 1975: 22;


Distribution: Cameroon, Democratic Republic of Congo, Gabon, Ghana, Guinea, Ivory Coast, Kenya, Nigeria.

gilesi. *Phyracaces gilesi* Clark, 1924a: 81, fig. 6 (w.q.l.) AUSTRALIA (Western Australia).

- **Type-material:** syntype workers (number not stated), 3 syntype ergatoid queens.
- **Type-locality:** Australia: Western Australia, Mundaring (*J. Clark*).
- **Type-depositories:** MVMA, NHMB.

Combination in *Cerapachys*: Brown, 1975: 22;


**Status as species:** Brown, 1975: 22; Taylor & Brown, 1985: 25; Taylor, 1987a: 17;

Distribution: Australia.

grandis. *Phyracaces grandis* Clark, 1934b: 22, pl. 2, fig. 2 (w.) AUSTRALIA (South Australia).

- **Type-material:** holotype (?) worker.
- **Note:** no indication of number of specimens is given.
- **Type-locality:** Australia: South Australia (no collector’s name, perhaps *J. Clark*?).
- **Type-depositories:** BMNH, MVMA.

[Note: Clark says, “Type in British Museum (F. Smith collection)”, but Taylor & Brown, 1985: 25 report syntypes in MVMA.]

Combination in *Cerapachys*: Brown, 1975: 22;


**Status as species:** Brown, 1975: 22; Taylor & Brown, 1985: 25; Taylor, 1987a: 18;
Bolton, 1995b: 143.

Distribution: Australia.

greavesi. *Phyracaces greavesi* Clark, 1934b: 25, pl. 2, fig. 5 (w.) AUSTRALIA (Western Australia).

- **Type-material:** holotype (?) worker.
- **Note:** no indication of number of specimens is given; Taylor & Brown, 1985: 25, suspect a syntype series.
- **Type-locality:** Australia: Western Australia, Bungulla (*T. Greaves*).
- **Type-depository:** MVMA.

Combination in *Cerapachys*: Brown, 1975: 22;


**Status as species:** Brown, 1975: 22; Taylor & Brown, 1985: 25; Taylor, 1987a: 18;

Distribution: Australia.

gwynethae. *Neophyracaces gwynethae* Clark, 1941: 77, pl. 13, figs. 6, 7 (w.m.) AUSTRALIA (Victoria).

- **Type-material:** syntype workers, syntype males (numbers not stated).
- **Type-locality:** Australia: Victoria, Red Cliffs (*G. Claringbull*).
- **Type-depository:** MVMA.

Combination in *Cerapachys*: Brown, 1975: 22;


**Status as species:** Brown, 1975: 22; Taylor & Brown, 1985: 26; Taylor, 1987a: 18;
Bolton, 1995b: 143.

Distribution: Australia.

heros. *Phyracaces heros* Wheeler, W.M. 1918a: 240, fig. 7 (w.) AUSTRALIA (Queensland).

- **Type-material:** holotype worker.
- **Type-locality:** Australia: Queensland (no further data).
- **Type-depository:** SAMA?


Distribution: Australia.

- Type-material: 4 syntype workers, 3 syntype queens.
- Type-locality: Malaysia (Borneo): Sarawak, Kuching (*J. Hewitt*).
- Type-depositories: BMNH, MCZC.


Distribution: Malaysia (Sarawak).

*hewitti.* *Phyracaces hewitti* Donisthorpe, 1931b: 494 (w.m.) BORNEO (East Malaysia: Sarawak).
- Type-material: 2 syntype workers, 2 syntype males.
- Type-locality: Malaysia: Sarawak, Kuching, 1906-7 (*J. Hewitt*).
- Type-depository: BMNH.

[Unresolved junior primary homonym of *Phyracaces hewitti* Wheeler, W.M. 1919e: 48 (Bolton, 1995b: 143).]


**huode.** *Simopone huode* Terayama, 2009: 122, figs. 121, 122 (q.) TAIWAN.
- Type-material: holotype queen.
- Type-locality: Taiwan: Taitung Pref., Lan Hsu I., Hungtou, 11.vii.1971 (*K. Mizusawa*).
- Type-depository: NIAS.


Distribution: Taiwan.

**inconspicua.** *Phyracaces inconspicuus* Clark, 1924b: 82, pl. 6, figs. 1, 2 (w.q.) AUSTRALIA (Western Australia).
- Type-material: syntype workers (number not stated), 1 syntype queen.
- Type-locality: Australia: Western Australia, National Park (*J. Clark*).
- Type-depository: MVMA.


Senior synonym of *incontentus* (unnecessary replacement name).

Distribution: Australia.

**incontentus.** *Cerapachys incontentus* Brown, 1975: 23, 66.

Unnecessary replacement name for *inconspicuus* Clark, 1924b: 82.

Junior synonym of *inconspicuus* Clark, 1924b: 82.

**iovis.** *Cerapachys (Phyracaces) iovis* Forel, 1915b: 20, pl. 1, fig. 1 (w.) AUSTRALIA (Queensland).
- Type-material: syntype workers (number not stated).
Type-locality: Australia: Queensland, Alice River (E. Mjöberg).
Type-depositories: ANIC, MHNG.

Combination in Phyracaces: Wheeler, W.M. 1918a: 243;
combination in Cerapachys: Brown, 1975: 23;

Distribution: Australia.

**kraepelinii.** Cerapachys kraepelinii Forel, 1895c: 246 (w.) MADAGASCAR.
Type-material: syntype workers (number not stated).
Type-locality: Madagascar: Moramanga (Sikora).
Type-depository: MHNG.
Combination in Phyracaces: Emery, 1902c: 24;
combination in Cerapachys: Brown, 1975: 23;

**Status as species:** Emery, 1911d: 11; Wheeler, W.M. 1922a: 1005; Brown, 1975: 23; Bolton, 1995b: 143.
Distribution: Madagascar.

**krombeini.** Phyracaces krombeini Donisthorpe, 1947c: 580 (w.) NEW GUINEA (Papua New Guinea).
Type-material: 2 syntype workers.
Type-depository: USNM.
Combination in Cerapachys: Brown, 1975: 23;

**Status as species:** Chapman & Capco, 1951: 22; Wilson, 1959b: 55; Brown, 1975: 23; Bolton, 1995b: 143.
Distribution: Papua New Guinea.

**langi.** Phyracaces langi Wheeler, W.M. 1922a: 54, fig. 4 (w.q.) DEMOCRATIC REPUBLIC OF CONGO.
Type-material: 7 syntype workers, 8 syntype queens.
Type-locality: Democratic Republic of Congo (“Belgian Congo”): Lubila (Lang & Chapin).
Type-depository: MCZC.

**larvata.** Phyracaces larvatus Wheeler, W.M. 1918a: 257, fig. 15 (w.) AUSTRALIA (New South Wales).
Type-material: syntype workers (number not stated, “numerous specimens from a single colony”).
Type-depository: MCZC.
Clark, 1924b: 83 (q.m.); Wheeler, G.C. & Wheeler, J. 1964a: 69 (l.).
Combination in Cerapachys: Brown, 1975: 23;

**Status as species:** Clark, 1924b: 83; Clark, 1925a: 63; Brown, 1975: 23; Taylor & Brown, 1985: 26; Taylor, 1987a: 18; Bolton, 1995b: 143.
Distribution: Australia.

**latus.** Cerapachys latus Brown, 1975: 23.

Unnecessary replacement name for reticulatus Clark, 1926: 45.
Junior synonym of *reticulatus* Clark, 1926: 45.

*leae*. *Phyracaces leae* Wheeler, W.M. 1918a: 243, fig. 8 (w.) AUSTRALIA (Queensland).
Type-material: holotype worker.
Type-locality: Australia: Queensland, Townsville (*F.P. Dodd*).
Type-depository: SAMA.

Type-material: 2 syntype workers, 1 syntype queen.
Type-locality: India: Calcutta (= Kolkata) (*Rothney*).
Type-depositories: BMNH, MHNW.
Forel, 1900d: 329 (m.).
Combination in *Cerapachys*: Brown, 1975: 23;


**Senior synonym of aegyptiacus**: Bolton, 1995b: 143.

**Senior synonym of alfieri**: Bolton, 1995b: 143.


**Senior synonym of bicolor**: Brown, 1975: 23; Bolton, 1995b: 143.

**Senior synonym of cooperi**: Bolton, 1995b: 143.

Distribution: Australia, China, Christmas I., Egypt, India, Israel, Myanmar, Pakistan, Philippines (Luzon), Saudi Arabia, Taiwan, Thailand, United Arab Emirates, Yemen.

Type-material: 16 syntype workers, 1 syntype queen.
Type-locality: Philippines: Negros Prov., Negros Oriental, Luzuriaga, Horns of Negros (*J.W. Chapman*).
Type-depository: MCZC.
[Misspelled as *luzuriaga* by Donisthorpe, 1939a: 255.]
Combination in *Cerapachys*: Brown, 1975: 23;
Distribution: Philippines (Negros).

**macrops.** Neophyracaces macrops Clark, 1941: 79, pl. 13, fig. 8 (w.) AUSTRALIA (Victoria).
Type-material: syntype workers (number not stated, “a small colony”).
Type-locality: Australia: Victoria, Patho (H.A. Potter).
Type-depository: MVMA.
Combination in Cerapachys: Brown, 1975: 23;
Bolton, 1995b: 143.
Distribution: Australia.

**marginata.** Cerapachys marginata Emery, 1897c: 594, pl. 15, fig. 41 (w.) NEW GUINEA (Papua New Guinea).
Type-material: holotype worker.
Type-locality: Papua New Guinea: Lemien, nr Berlinhafen (= Aitepe) (L. Birô).
Type-depository: HNHM.
Combination in Phyracces: Emery, 1902c: 24;
combination in Cerapachys: Brown, 1975: 23;
Distribution: Papua New Guinea.

**mayri.** Cerapachys mayri Forel, 1892l: 244 (w.) MADAGASCAR.
Type-material: syntype workers (number not stated).
Type-locality: Madagascar: Bezanozano Prov., nr Anosibê, 3 days ESE Antananarivo (Sikora).
Type-depository: MHNG.
Combination in Phyracces: Emery, 1902c: 24;
combination in Cerapachys: Brown, 1975: 23;
Status as species: Emery, 1899f: 264; Emery, 1911d: 11;
Distribution: Madagascar.


**mjobergi.** Cerapachys (Phyracaces) mjobergi Forel, 1915b: 18, pl. 1, fig. 9 (w.) AUSTRALIA (Western Australia).
Type-material: holotype (?) worker.
[Note: no indication of number of specimens is given.]
Type-locality: Australia: NW Australia, Derby (E. Mjöberg).
Type-depository: MHNG.
Combination in Phyracces: Wheeler, W.M. 1918a: 243;
combination in Cerapachys: Brown, 1975: 23;
Distribution: Australia.

**mullewana.** Phyracaces mullewanus Wheeler, W.M. 1918a: 251 (m.) AUSTRALIA (Western Australia).
Type-material: holotype male.
Type-locality: Australia: Western Australia, Mullewa (F. May).
Type-depository: SAMA.
[Note: In the original description Wheeler gives the depository as SAMA, which is where Brown, 1975: 65 also assumes it to be; however, Taylor & Brown, 1985: 27, say that it is in MCZC.]
Combination in Cerapachys: Brown, 1975: 23;
Distribution: Australia.

**nayana.** *Cerapachys nayana* Bharti & Akbar, 2013a: 90, figs. 3B, 4B, 17-22 (w. ergatoid q.)
INeA (Kerala, Karnataka).
Type-material: holotype worker, 10 paratype workers, 4 paratype ergatoid queens.
Type-locality: holotype India: Kerala, Silent Valley Nat. Park, 11°5’N, 76°26’E, 897 m., 25.ix.2011, hand picking (S.A. Akbar); paratypes: 2 workers, 1 ergatoid queen with same data, 6 workers, 2 ergatoid queens
Karnataka, Gundlupet, 11°8’N, 76°68’E, 800 m., 27.ix.2010 (S.A. Akbar), 2 workers, 1 ergatoid queen
Type-depositories: PUAC (holotype); BMNH, PUAC (paratypes).
**Status as species:** Bharti, Guénard, *et al.* 2016: 22.
Distribution: India.

**neocalendonica.** *Lioponera neocalendonica* Jouault, Ramage & Perrichot, in Ramage, Jouault, *et al.* 2019: 7, figs. 4, 5B (wingless q.) NEW CALEDONIA.
Type-material: holotype ergatoid queen, 3 paratype ergatoid queens.
Type-locality: holotype New Caledonia: Grande Terre, Province Sud, Sarraméa, Plateau de Dogny trail,
21°37’31”S, 165°52’5”E, 441 m., 16.xi.2011, VP188, mixed mountain forest, on ground (V. Perrichot);
paratypes: 2 ergatoid queens with same data, 1 ergatoid queen Grande Terre, Province Sud, Montagne des Sources, 22°09’35.1”S, 166°35’42.4”E, 394 m., 23.x.2010 (M. Berman).
Type-depositories: MNHN (holotype); ANIC, MNHN (paratypes).
Distribution: New Caledonia.

**newmani.** *Phyracaces newmani* Clark, 1924a: 82, fig. 7 (w.) AUSTRALIA (Western Australia).
Type-material: syntype workers (number not stated, “many”).
Type-locality: Australia: Western Australia, Mundaring (*J. Clark*).
Type-depositories: MCZC, MVMA, NHMB.
Clark, 1924b: 84 (q.).
**Status as species:** Clark, 1924b: 84.

**nigra.** *Lioponera nigra* Santschi, 1914b: 46 (m.) KENYA.
Type-material: holotype male.
Type-locality: Kenya (“Afrique orientale anglaise”): Molo, Mau escarpment, 2420 m., st. no. 19, xii.1911
(*Ch. Alluaud & R. Jeannel*).
Type-depository: NHMB.
Combination in *Cerapachys*: Brown, 1975: 23;
Distribution: Kenya.

**nigriventris.** *Phyracaces nigriventris* Clark, 1924b: 84, pl. 6, figs. 3, 4 (w.q.) AUSTRALIA (Western Australia).
Type-material: syntype workers (number not stated), 1 syntype ergatoid queen.
Type-locality: Australia: Western Australia, National Park (*J. Clark*).
Type-depository: MVMA.
Combination in Cerapachys: Brown, 1975: 23;


Distribution: Australia.

**nkomoensis.** Phyracaces nkomoensis Forel, 1916: 400 (w.) DEMOCRATIC REPUBLIC OF CONGO.

Type-material: syntype workers (number not stated).
Type-locality: Democratic Republic of Congo (“Congo”): St Gabriel (H. Kohl).
Type-depository: MHNG.

Combination in Cerapachys: Brown, 1975: 23;


**Senior synonym of congolensis:** Brown, 1975: 23; Bolton, 1995b: 144.

**Senior synonym of eidmanni:** Brown, 1975: 23; Bolton, 1995b: 144.


**noctambula.** Lioponera noctambula Santschi, 1910d: 70 (m.) TUNISIA.

Type-material: 5 syntype males.
Type-locality: Tunisia: Kairouan (F. Santschi).
Type-depository: NHMB.

Combination in Cerapachys: Brown, 1975: 23;


Distribution: Tunisia.

**occipitalis.** Phyracaces occipitalis Bernard, 1953b: 216, fig. 6E (w.) GUINEA.

Type-material: holotype worker.
Type-locality: Guinea: Camp IV, 1000 m., forêt, station B6.14 (Lamotte).
Type-depository: MNHN.


**parva.** Lioponera longitarsus r. *parva* Forel, 1900d: 330 (w.m.) INDIA (West Bengal, Odisha, Tamil Nadu, Uttar Pradesh, Maharashtra, Karnataka).

Type-material: syntype workers, syntype males (numbers not stated).
Type-localities: India: Calcutta (= Kolkatta) (*Rothen*), Barrackpore (*Rothen*), Madras (= Chennai) (*Rothen*), Orissa (= Odisha) (*Taylor*), Dehra Dun (*Smythies*), Poona (= Pune) (*Wroughton*), and Belgaum (*Wroughton*).

Type-depositories: MHNG, NHMB.

Subspecies of *longitarsus*:: Forel, 1906b: 91.


Distribution: China, India.

**picipes.** Phyracaces picipes Clark, 1924b: 86, pl. 6, fig. 8 (w.) AUSTRALIA (Western Australia).

Type-material: syntype workers (number not stated, “several”).
Type-locality: Australia: Western Australia, Tammin (*J. Clark*).
Type-depository: MVMA.

Combination in Cerapachys: Brown, 1975: 23;


Distribution: Australia.

**picta**. *Phyracaces pictus* Clark, 1934b: 23, pl. 2, fig. 3 (w.) AUSTRALIA (Victoria).
Type-material: holotype (?) worker.
[Note: no indication of number of specimens is given; Taylor & Brown, 1985: 27, suspect a syntype series.]
Type-locality: Australia: Victoria, Western Dist. (no collector’s name, perhaps *J. Clark*?).
Type-depository: MVMA.
Combination in *Cerapachys*: Brown, 1975: 23, 65;


Distribution: Australia.

**piliventris**. *Neophyracaces piliventris* Clark, 1941: 80, pl. 13, fig. 9 (w.) AUSTRALIA (Queensland).
Type-material: syntype workers (number not stated).
Type-locality: Australia: Queensland, Brisbane (*H. Hacker*).
Type-depository: MVMA.
Combination in *Cerapachys*: Brown, 1975: 23;


Distribution: Australia.

**potteri**. *Neophyracaces potteri* Clark, 1941: 76, pl. 13, figs. 4, 5 (w.m.) AUSTRALIA (Victoria).
Type-material: syntype workers, syntype males (numbers not stated).
Type-locality: Australia: Victoria, Patho (*H.A. Potter*).
Type-depository: MVMA.
Combination in *Cerapachys*: Brown, 1975: 23;


Distribution: Australia.

**princeps**. *Phyracaces princeps* Clark, 1934b: 24, pl. 2, fig. 4 (w.) AUSTRALIA (South Australia).
Type-material: syntype workers (number not stated).
Type-locality: Australia: South Australia, NE corner, Minnie Downs (no collector’s name, perhaps *J. Clark*?).
Type-depository: SAMA.
Combination in *Cerapachys*: Brown, 1975: 23.

[Note: all these authors give *princeps* as senior synonym, but *clara* has priority. The error arose from Brown’s assumption that *clara* was a junior homonym, which is not the case.]
Distribution: Australia.

Type-material: holotype worker.
Type-locality: Philippines: Negros, Negros Oriental, Cuernos Mts (ca 1100 m.), nr Dumaguete, 2.v.1927 (*J.W. Chapman*).
Type-depository: MCZC.
Distribution: Philippines (Negros).

Type-material: holotype queen.
Type-locality: Indonesia (“Borneo”): Pulo Laut (Doherty).
Type-depository: MSNG.
Combination in *Cerapachys*: Brown, 1975: 23;

Distribution: Indonesia (Kalimantan).

*punctatissima*. *Phyracaces punctatissima* Clark, 1924a: 84, fig. 8 (w.q.) AUSTRALIA (Western Australia).
Type-material: 160 syntype workers, 4 syntype queens.
Type-locality: Australia: Western Australia, Mundaring (J. Clark).
Type-depositories: MVMA, NHMB.
Combination in *Cerapachys*: Brown, 1975: 23;

Distribution: Australia.

*pygmaeus*. *Phyracaces pygmaeus* Clark, 1934b: 26, pl. 2, fig. 7 (w.) AUSTRALIA.
Type-material: syntype workers (number not stated).
Type-locality: Australia: N Queensland, Kuranda (F.P. Dodd).
Type-depository: MVMA.

*reticulata*. *Phyracaces reticulatus* Clark, 1926: 45, pl. 6, fig. 2 (w.) AUSTRALIA (Western Australia).
Type-material: syntype workers (number not stated).
Type-locality: Australia: Western Australia, National Park (J. Clark).
Type-depository: MVMA.

Senior synonym of *latus* (unnecessary replacement name).
Distribution: Australia.

Type-material: syntype workers (number not stated).
Type-locality: Australia: New South Wales, Inverall, Reedy Creek (Froggatt).
Type-depositories: ANIC, MHNG, NHMB.
Combination in *Phyracaces*: Emery, 1911d: 11.

*ruficornis*. *Phyracaces ruficornis* Clark, 1924a: 86, fig. 9 (w.l.) AUSTRALIA (Western Australia).
Type-material: syntype workers (number not stated, “several”).
Type-locality: Australia: Western Australia, Mundaring, Armadale (J. Clark).
Type-depository: MVMA.


Distribution: Australia.

**rugulinodis.** *Phyracaces rugulinodis* Wheeler, W.M. 1918a: 249, fig. 11 (m.) AUSTRALIA (South Australia).

- Type-material: lectotype male (by designation of Brown, 1975: 65).
- Type-locality: Australia: South Australia, Murat Bay (no collector’s name).
- Type-depository: MCZC.

[Note: a second original syntype male mentioned by Wheeler is from South Australia, Ardrossan (*J.G.O. Tepper*), and should be in SAMA.]

Combination in *Cerapachys*: Brown, 1975: 23;


Distribution: Australia.

**santschii.** *Phyracaces santschii* Wheeler, W.M. 1922a: 56 (in text) (q.) GABON.

- Type-material: holotype queen.
- Type-locality: Gabon: Sanikita (*F. Faure*).

[Note: this taxon was founded on the queen described as *Phyracaces foreli* by Santschi, 1915c: 245.]

Type-depository: NHMB.


**scrutator.** *Phyracaces scrutator* Wheeler, W.M. 1918a: 247, fig. 10 (w.) AUSTRALIA (Queensland).

- Type-material: syntype workers (number not stated, “several”).
- Type-locality: Australia: Queensland, Toowong, nr Brisbane, 10.xi.1914 (*W.M. Wheeler*).
- Type-depository: MCZC.


**senescens.** *Phyracaces senescens* Wheeler, W.M. 1918a: 259, fig. 16 (w.) AUSTRALIA (New South Wales).

- Type-material: syntype workers (number not stated, “numerous”).
- Type-locality: Australia: New South Wales, Salisbury Court, nr Uralla, 26.xi.1914 (*W.M. Wheeler*).
- Type-depository: MCZC.


Combination in *Cerapachys*: Brown, 1975: 23;

**Status as species:** Clark, 1924b: 87; Clark, 1925a: 64; Brown, 1975: 23; Taylor & Brown, 1985: 27; Taylor, 1987a: 19; Bolton, 1995b: 144.

Distribution: Australia.

**similis.** *Lioponera similis* Santschi, 1930a: 51, figs. 8-10 (m.) IVORY COAST.

- Type-material: 8 syntype males.
- Type-locality: Ivory Coast: Dimbroko (*Le Moult*).
- Type-depository: NHMB.

Combination in *Cerapachys*: Brown, 1975: 23;

**Status as species:** Donisthorpe, 1939a: 255; Brown, 1975: 23; Bolton, 1995b: 144.

Distribution: Ivory Coast.
**Simmonsae.** *Phyracaces simmonsae* Clark, 1924a: 87, fig. 10 (w.q.l.) AUSTRALIA (Western Australia).
Type-material: syntype workers (number not stated), 1 syntype ergatoid queen.
Type-localities: Australia: Western Australia, Mundaring (*J. Clark*), and Western Australia, Denmark (*E. Simmons*).
Type-depositories: MVMA, NHMB.
Combination in *Cerapachys*: Brown, 1975: 23;
Distribution: Australia.

**Singaporeensis.** *Phyracaces singaporensis* Viehmeyer, 1916a: 110 (w., ergatandromorph) SINGAPORE.
Type-material: syntype workers (number not stated), 1 syntype ergatandromorph.
Type-locality: Singapore: 14:61, in hollow *Mangifera* twig (*H. Overbeck*).
Type-depositories: MNHU, NHMB.
Combination in *Cerapachys*: Brown, 1975: 23;
**Status as species:** Chapman & Capco, 1951: 22; Brown, 1975: 23; Bolton, 1995b: 144.
Distribution: Singapore.

**Singularis.** *Cerapachys singularis* Forel, 1900b: 69 (w.) AUSTRALIA (South Australia).
Type-material: holotype (?) worker.
[Note: no indication of number of specimens is given.]
Type-locality: Australia: “Australie méridionale” (no further data) (*Wroughton*).
Type-depository: MHNG.
Combination in *Phyracaces*: Emery, 1902c: 24;
combination in *Cerapachys*: Brown, 1975: 23;
Distribution: Australia.

**Sjostedti.** *Cerapachys (Phyracaces) sjostedti* Forel, 1915b: 19, pl. 1, fig. 6 (w.) AUSTRALIA (“N.W. Australien”).
Type-material: syntype workers (number not stated).
Type-locality: Australia: “NW Australia” (no further data) (*E. Mjöberg*).
Type-depositories: ANIC, MHNG.
Combination in *Phyracaces*: Wheeler, W.M. 1918a: 243;
combination in *Cerapachys*: Brown, 1975: 23;
Distribution: Australia.

**Suscitata.** *Phyracaces suscitatus* Viehmeyer, 1913: 143 (w.) INDONESIA (Sulawesi) (in copal).
Type-material: holotype worker.
Type-locality: Indonesia: Celebes (= Sulawesi), in copal (no collector’s name).
Type-depository: MNHU.
Combination in *Cerapachys*: Brown, 1975: 23;


turneri. Cerapachys (Phyracaces) turneri Forel, 1902h: 405 (w.q.) AUSTRALIA (Queensland).
Type-material: syntype workers (number not stated), 1 syntype queen.
Type-locality: Australia: Queensland, Mackay (G. Turner).
Type-depositories: ANIC, MHNG.
Combination in Phyracaces: Emery, 1911d: 11;
combination in Cerapachys: Brown, 1975: 23;
Distribution: Australia.

vandermeermohri Menozzi, 1932 [Phyracaces]: see under CERAPACHYS.

varians. Phyracaces varians Clark, 1924b: 87, pl. 6, fig. 6 (w.) AUSTRALIA (Western Australia).
Type-material: syntype workers (number not stated).
Type-locality: Australia: Western Australia, Lion Mill (J. Clark).
Type-depository: MVMA.
Combination in Cerapachys: Brown, 1975: 24;
Distribution: Australia.

versicolor. Lioponera versicolor Donisthorpe, 1948d: 589 (m.) NEW GUINEA (Indonesia).
Type-material: holotype male.
Type-depository: CASC.
Combination in Cerapachys: Brown, 1975: 24;
Distribution: Indonesia (Irian Jaya).

vespula. Phyracaces vespula Weber, 1949a: 5, fig. 5 (w.) KENYA.
Type-material: holotype worker, 1 paratype worker.
Type-locality: holotype Kenya: central Kavirondo, 5000 ft, 17.ii.1948 (N.A. Weber); paratype with same data.
Type-depository: AMNH.
Combination in Cerapachys: Brown, 1975: 24;
Distribution: Kenya, South Africa.