

was adopted by later authors, including Emery (1912), Forel (1910) and Viehmeyer (1914, 1925). This practice continued until the late 1960s, when the name *I. purpureus* was again used for this and related species (e.g. Ettershank 1968). Since then there has been a gradual shift in usage in favour of *I. purpureus*, but with occasional use of *I. detectus* instead. In fact, *I. purpureus* is the correct name for this taxon. Under the rules of the Code, neither name had precedence as they were of the same rank and appeared on the same date (in this case, in the same publication). However, Lowne (1865), acting as the first reviser, synonymised *detecta* under *purpurea*, and thus determined the precedence of these names. His original choice must now be followed, and *I. purpureus* used as the correct name for this species.

The species *Camponotus horni* was described by Kirby (1896) from 'several' worker and queen syntypes collected at Palm Ck, Northern Territory, Australia (24°04'S., 132°40'E.). Clark (1930) re-examined the Kirby material and placed the worker in synonymy with *Iridomyrmex purpureus* (then called *I. detectus*) while redescribing the queen as a *Camponotus* (in the subgenus *Tanaemyrmex*). I have examined 2 queens (in MVMA) and 7 workers (3 in MVMA, 3 in BMNH, 1 in MCZC) which apparently form the bulk of the Kirby material. I concur with Clark's placement of the queens in *Camponotus* and the workers as synonyms of *Iridomyrmex purpureus*. Additionally, I designate one of the MVMA workers as a lectotype, with the remaining examined material designated as paralectotypes. This seems consistent with Kirby's concept of the species based on his discussion in the original description. The queens (one damaged and missing several legs, the other represented by only wing fragments and 2 partial legs) belong to *Camponotus*, and with the designation of a worker lectotype are left with no taxonomic status. However, the Clark (1930) description is sufficient to make this name available and he therefore becomes the author of *Camponotus horni*. I designate the more complete queen specimen as the lectotype (the other as paralectotype). (*Camponotus horni* Clark is a junior homonym of *Camponotus horni* Kirby, but no replacement name is proposed because of the uncertain taxonomic status of *C. horni* Clark.)

*Iridomyrmex reburrus*, sp. nov.

(Figs 8, 14)

*Iridomyrmex* 'Katherine' or 'K'.—Greenlade and Halliday, 1982: 249.

*Material Examined*

*Holotype*. Worker, Northern Territory, Kapalga, Kakadu Natl Pk, 12°33'S., 132°19'E., 30.i.1991, S. O. Shattuck (SOSC #2227) (ANIC, type no. 7973).

*Paratypes*. 33 workers, same data as holotype (ANIC, BMNH, MCZC).

*Other material* (in ANIC unless otherwise noted). **Northern Territory**: 10 km SW. of Katherine (PJM); 20 km W. of Kapalga (PJM); 27 km SW. of Katherine (PJM); 28 miles N. of Daly Waters (G. Campbell); 30 km NW. of Katherine (PJM); 30 km SW. of Katherine (PJM); 30 miles S. of Darwin (G. Campbell); 34 km NW. of Katherine (PJM); 40 km NW. of Katherine (PJM); 45 km NW. of Katherine (PJM); 4 miles N. of Pine Creek (TG); 5 km S. of Jabiru (PJM); 5 km S. of Jabiru, Alligator Rivers area (PJM); 5 km SE. of Katherine (PJM); 99 km S. of Darwin, Stuart Hwy (collector unknown); Adelaide R. (L. Chinnick); Berrimah Experimental Farm, Darwin (N. W. Forrester); Berry Springs, nr Darwin (BBL); Black Point, Coburg Peninsula, 11°07'S., 132°09'E. (T. A. Weir); Cooper Ck, 12°17'S., 133°20'E. (RWT); Darwin (collector unknown); C. Barrett; G. F. Hill); Darwin airport (PJM); Deception Bay, Groote Eylandt, 13°43'S., 136°30'E. (P. Mele); Elcho I. (C. Barrett); Eley HS, Roper R. (H. S. Giles); Fanny Bay, Darwin (A. N. Andersen; G. Campbell); Jabiru (PJM); I. D. Naumann); Jabiru, Alligator Rivers area (PJM); Kapalga (PJM); Kapalga, Alligator Rivers area (PJM); Kapalga, Kakadu Natl Pk (A. N. Andersen); Katherine Gorge (A. N. Andersen); Koolpinyah (C. Barrett); Manbulloo, SW. of Katherine (PJM); Melville I. (collector unknown); Millingumba I. (C. Barrett); Munmarlary, Kakadu Natl Pk (A. N. Andersen); Nanguluwurr, Kakadu Natl Pk (R. R. Snelling) (LACM); Rookery Point, Kapalga, Kakadu Natl Pk (A. N. Andersen); Yule I. (C. Barrett). **Queensland**: 15 miles SSW. of Normanton (JED); 18 miles WSW. of Ingham (JED); 22 km SE. of Mt Carbine (R. R. Snelling and J. Grey) (LACM); 23 km N. of Townsville (TG); 28 miles SSE. of Townsville (JED); 3.5 km SW. by S. of Mt Baird, 15°10'S., 145°07'E. (I. D. Naumann); 30 km S. of Ingham (PJM); 6 miles W. of Dimbulah (A.H.W.); 8 km E. of Woodstock