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- Republic of Panama: Pipeline Road, Km 8; U.G. Mueller, collector: UGM960208-19 (2W, 1M), UGM960208-20 (2W, 1G), UGM960208-21 (2W, 1G, 1M), UGM960208-22 (2W, 1G), UGM960208-23 (2W, 1G, 1M).
- Republic of Panama: Pipeline Road, Km 10.5 (site of PA 464) ; U.G. Mueller, collector: UGM970508-02 (3W, 1G), UGM970508-06 (6W, 1G, 7M), UGM970508-09 (17W, 12G, 21M), UGM970508-11 (8W, 1M), UGM970521-14 (10W)
- Republic of Panama: Pipeline Road, Km 12; U.G. Mueller, collector: UGM951211-01 (9W), UGM951211-02 (26W, 1G, 1M), UGM951211-03 (7W, 8G, 7M), UGM951211-04 (22W, 1G), UGM951211-06 (7W, 1G), UGM951211-07 (15W, 1G, 1M), UGM951211-08 (10W, 1G), UGM951211-09 (9W, 1G).
- Republic of Panama: Pipeline Road, Km 14; U.G. Mueller, collector: UGM951227-03 (10W, 1G, 1M), UGM951227-04 (10W, 1G), UGM951227-06 (12W, 1M), UGM951227-07 (18W, 1G), UGM951227-08 (11G, 3M).
- Republic of Panama: Pipeline Road, Km 19; U.G. Mueller, collector: UGM960208-01 (2W), UGM960208-02 (2W, 1G), UGM960208-03 (2W, 1G), UGM960208-04 (2W), UGM960208-05 (2W, 1G, 1M), UGM960208-06 (2W, 1G), UGM960208-07 (2W, 2G, 1M), UGM960208-08 (2W, 1G, 1M), UGM960208-09 (2W, 1G, 1M), UGM960208-10 (2W, 1G), UGM960208-11 (2W, 1G), UGM960208-12 (2W, 1G, 1M), UGM960208-13 (2W, 1G, 1M), UGM960208-14 (2W, 1G, 1M), UGM960208-15 (2W, 1M), UGM960208-16 (1W, 1G), UGM960208-17 (2W, 1G, 1M), UGM960208-18 (2W, 3G, 1M), UGM970505-11 (2W).
- Republic of Panama: Crest of El Llano-Carti Suitupo Road (~Km 6 from El Llano); U.G. Mueller, collector: UGM960107-03 (1W, 1M), UGM960107-08 (12W, 1G), UGM960107-10 (17W, 1G), UGM960107-11 (4W), UGM960128-06 (9W, 1G), UGM960128-07 (17W), UGM960128-08 (32W, 1G), UGM960128-09 (12W, 1G, 2M), UGM960128-11 (20W, 5G, 5M), UGM960128-12 (23W, 3G), UGM960128-13 (21W, 3G, 2M), UGM960427-06 (2W), UGM960427-07 (2W), UGM960427-08 (2W, 1G), UGM 980607-08 (1W), UGM 980607-09 (1W), UGM 980607-11 (1W), UGM980607-12 (15W, 2M), UGM980607-13 (3W), UGM980607-15 (20W, 5G, 4M), UGM980607-18 (14W, 1G), UGM980607-21 (5W), UGM 980607-22 ((1W), UGM980607-24 (15W, 4G), UGM980607-26 (9W), UGM980617-05 (24W, 1G), UGM980617-08 (19W, 1G), UGM 980617-09 (2W), UGM 980617-11 (2W), UGM980617-13 (14W, 1G, 5M), UGM 980617-17 (2W).
- Republic of Panama: Nusagandi Biological Station, 1.4 km on Nusagandi-Markisgandi trail at Markisgandi River; U.G. Mueller, collector: UGM960426-07 (7W, 3G, 1M).
- Republic of Panama: Fort Sherman Military Reservation, off Gatun-Fort Sherman Road; U.G. Mueller, collector: UGM960428-10 (29W, 7G, 11M).
- Republic of Panama: Fort Sherman Military Reservation, STRI canopy crane site; U.G. Mueller, collector: UGM970520-02 (5W), UGM970520-03 (7W).
- Republic of Panama: Fort Sherman Military Reservation, off main road about halfway to STRI canopy crane site; U.G. Mueller, collector: UGM980616-14 (26W), UGM980616-17 (16W).

Appendix

Panamanian specimens examined

W=workers; G=gynes; M=males. In most cases, collection numbers incorporate collection dates.

Cyphomyrmex longiscapus Panamanian nest series examined:

Republic of Panama: Pipeline Road, Km 4, La Seda River; June 16 1998; U.G. Mueller, C.R. Currie, and P. Villesen, collectors: SD-8 (1W), SD-16 (1W).

Republic of Panama: Pipeline Road, Km 6; U.G. Mueller, collector: UGM960104-04 (2W), UGM960125-04 (10W, 3G), UGM960208-24 (1W, 1G, 2M), UGM960208-25 (2W, 14G, 9M), UGM 960208-26 (12G, 7M), UGM 960208-27 (16W, 1G), UGM 960208-28 (23W, 1G, 16M), UGM960208-29 (1M), UGM 960208-30 (8W, 4G), UGM960208-31 (4W, 1G), UGM 960222-10 (6W, 1G), UGM960222-12 (2 M), UGM 960222-14 (40W, 1G, 1M), UGM 960222-15 (2W, 1G), UGM 960222-18 (29W, 4G, 12M), UGM960222-19 (2W), UGM 960222-20 (44W, 17G, 1M), UGM960712-01 (1G, 1M), UGM960712-02 (1G, 1M), UGM960712-10 (1M), UGM 960712-12 (4G, 1G, 3M), UGM 960803-01 (6G, 9M), UGM 960803-11 (2G, 11M), UGM980528-01 (8W), UGM 980528-04 (1W), UGM980618-10 (18W, 9G, 10M),

Cyphomyrmex muelleri Panamanian paratype nest series examined:

Republic of Panama: Pipeline Road, Km 4, La Seda River; June 16 1998; U.G. Mueller, C.R. Currie, and P. Villesen, collectors: SD-114 (1W), SD-11A (6W), SD-14 (1W).

Republic of Panama: Pipeline Road, Km 6; U.G. Mueller, collector: UGM960104-01 (2W), UGM960222-13 (19W, 1G), UGM960222-16 (47W, 1G, 1M), UGM980618-22 (18W), UGM980618-27 (25W, 1M), UGM980618-32 (9W, 3G), UGM980618-34 (15W, 9M), UGM980618-36 (1W), UGM960712-07 (1G, 1M).