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An Abbreviated Catalogue of the Australian Bats in the Collections of the Natural History Museum of Los Angeles County, California, USA.

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AN ABBREVIATED CATALOGUE OF THE AUSTRALIAN BATS IN THE COLLECTIONS OF THE NATURAL HISTORY MUSEUM OF LOS ANGELES COUNTY, CALIFORNIA, USA.

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The Natural History Museum of Los Angeles County (LACM) is the repository for some 90,000 mammal specimens of world-wide provenance, and is particularly strong in its collections of Chiroptera. As the result of numerous collecting expeditions undertaken by one of us (KES) since 1954, a substantial representation of Australian bats has been assembled. It is our intent in this paper to bring these collections to the attention of our Australian colleagues, so that this biogeographic and systematic resource might be more widely used.

The following catalogue lists only species, sex, and locality for the bats currently in the collections. The majority of specimens are traditional study skins and skulls, but more recent additions include fluid preserved specimens, postcranial material, and frozen tissue. Taxonomy follows Honacki et al (1982) except for *Scoteanax* and *Scotorepens*, which follow Kitchener & Caputi (1985). Additional information on individual specimens, and the specimens themselves, may be examined by arrangement with the Assistant Curator of Mammals, Dr. Sarah George, at the institutional address.

Abbreviations: M (male), F (female), NSW (New South Wales), NT (Northern Territory), QLD (Queensland), TAS (Tasmania), VIC (Victoria), WA (Western Australia). N,S,E,W, (north, south, east, west, and combinations thereof).

PTEROPODIDAE

Dobsonia moluccensis.

6F, mouth of Pascoe River, Cape York Peninsula, QLD.

Macroglossus minimus.

5F, 2 km N of Mission Beach, QLD; 2F, 19 km NE Tully, QLD; 1M, mouth of Soda Creek, Wildman River, NT.

Nyctimene robinsoni.

4F, Gustav Creek, Nelly Bay, Magnetic Island, QLD; 1F, Cooktown, QLD; 5F, Iron Range, QLD; 1F, Julatten, QLD; 1?, Jack Gordon Mine at Claudie River, Iron Range, QLD.

Pteropus alecto.

1M, 1F, 11 km W of Ayr, QLD; 4M, 2F, Chevallum, near Palmwood, QLD; 4M, mouth of Elliot River, QLD; 1M, 4F, Cockle Bay, Magnetic Island, QLD; 1M, Yaramulla Sta., 100 km SW of Mt. Garnet, QLD; 1M, 8 km S of Chillagoe, QLD; ??, ??, mouth of Armstrong Creek, Cape Upstart, QLD; 1M, 1F, mouth of Soda Creek, Wildman River, NT.

Pteropus conspicillatus.

1F, Mareeba, QLD; 3M, Iron Range, QLD; 4M, 2.5 km N of Mt. Molloy, QLD; 1M, 1F, Tolga, QLD.

Pteropus poliocephalus.

1?, Southport, QLD; 5M, 2F, 8 km S of Beenleigh, QLD; 1F, Norman Park, Brisbane, QLD.

Pteropus scapulatus.

3M, 6F, 2.4 km N of Mt. Molloy, QLD; 1M, mouth of Elliot River, QLD; 2M, 2F, Edith River, 33 km N and 12 km W of Katherine, NT.

Syconycteris australis.

4M, 1F, Woody Head, near Iluka, NSW; 4F, Gustav Creek, Nelly Bay, Magnetic Island, QLD; 2F, Stoney Creek, 32 km N of Yeppoon, QLD; 3M, 1F, Water Park Creek, 38 km N of Yeppoon, QLD; 2M, 3F, 1.5 km N of Mission Beach, QLD; 3M, 3 km E of Mt. Molloy, QLD; 2M, Iron Range, QLD; 4M, 2F, 20 km NE of Tully, QLD; 2?, Claudia River at Jack Gordon Mine, Iron Range, QLD.

MEGADERMATIDAE*Macroderma gigas*.

1M, Ripon Hills, WA; 2M, 2F, 1 km S of Pine Creek, NT; 1F, Mt. Wells Mine, Mt. Wells, NT.

EMBALLONURIDAE*Taphozous australis*.

2M, 3F, Douglas Hill, 40 km N of Townsville, QLD; 2F, Portland Roads, QLD; 1M, 1.5 km from mouth of Elliot River, QLD.

Taphozous georgianus.

1M, Coolabinnia Pool, Villawarra Station, NWA (?); 3M, Olsen's Cave, nr. Mt. Etna, 28 km N of Rockhampton, QLD; ?5M, 3F, Cave Rock, 5 km N of Roma Peak, 53 km SSW Bowen, QLD; 3M, 3F, Ryan Creek Cave, 13.5 km SW of Charter Towers, QLD; 2F, mine shaft 3 km NW of Croyden, QLD; 2M, Top Camp Diggings, Mary Douglas Hill, 42 km SSW of Cloncurry, QLD; 1M, Belfry Cave, 26 km N Rockhampton, QLD; 1F, 1 km S of Pine Creek, NT; 1M, 10 km E of Hayes Creek, NT; 1F, 7 km N and 15 km E of Tennant Creek, NT.

RHINOLOPHIDAE*Hipposideros ater*.

4M, 8F, cave at Bramston Beach, QLD; 5M, Top Camp Diggings, Mary Douglas Hill, 42 km SSW of Cloncurry, QLD; 2M, 1F, 1 km S of Pine Creek, NT; 2M, 3F, Mt. Wells, 35 km N and 12 km W of Pine Creek, NT;

Hipposideros diadema.

2M, 3F, Ryan's Creek Cave, 10 km NW of Chillagoe, QLD; 1M, upper pool of Spring Creek, 9 km NW of Chillagoe, QLD; 2M, 7F, Jack Gordon Mine, Iron Range, QLD.

Hipposideros galeritus.

7M, 6F, Rothwell Mine, 6 km S of Coen, QLD; 1M, 6F, Jack Gordon Mine, Iron Range, QLD.

Hipposideros semoni.

1F, 1 km W of Jack Gordon Mine, Iron Range, QLD.

Hipposideros stenotis.

1F, 1 km S of Pine Creek, NT; 1M, Mt. Wells, 35 km N & 12 km E of Pine Creek, NT.

Rhinolophus megaphyllus.

1M,1F, Camp Mt., 6 km S Samford, QLD; 3M,1F, Pine Vale Mine, 16 km S Mirani, QLD; 1F, Ropeladder Cave, Fanning River Station, 29 km N Mingela, QLD; 3F, cave at Bramston Beach, QLD; 2M,1F, cave 4 km NW of Christmas Creek Station, 32 km SE Greenvale, QLD; 1M, stream crossing E of Kirrama Forest Camp, 32 km W of Kennedy, QLD; 1M,3F, Ryan Creek Cave, 10 km NW of Chillagoe, QLD; 1F, mine 2.5 km S of Mt. Molloy, QLD; 1M, Cooktown, QLD; 8M,11F, Rothwell Mine, 6 km S of Coen, QLD; 3M,5F, mine 5 km N of Mt. Molloy, QLD; 4M,1F lava tunnel on Yaramulla Station, 100 km SW of Mt. Garnet, QLD; 1M, mine at Paluma, QLD; 2M, 1? Jack Gordon Mine, Iron Range, QLD; 2M, mine at Cells Creek, 7 km SSE of Mt. Sea View, QLD; 1M, mine at Gold Creek, 5 km N of Kenmore, QLD; 6M, Haunted Cave, 13 km N of Chillagoe, QLD; 3M,3F, Mt. Molloy Copper Mine, Mt. Molloy, QLD; 1M, mine at Coen, QLD; 1M, 3 km N of Mt. Molloy, QLD; 2M,1F, Pigeon Gully, 10 km NW of Red Rock, NSW.

Rhinolophus phillipinensis.

1M,4F, mine 2.5 km S of Mt. Molloy, QLD; 1M, Walkunder Cave, Chillagoe, QLD; 1F, Jack Gordon Mine, Iron Range, QLD.

Rhinonictus aurantius

4M, 1 km S of Pine Creek, NT; 3M, 2F, 1?, Spring Hill Mine, 8 km S, 4 km W of Mt. Wells, NT;

VESPERTILIONIDAE

Chalinolobus gouldii.

1F, 5 km E of Wallangarra, QLD; 1M, 13 km SE of Collarenebri, NSW; 1M, St. Kilda, VIC; 1m, Orbost, VIC; 1?, Norton's Farm, Corrigin, ?; 1M, QLD; 1M, NSW; 1M, locality unknown; 2M,1F, Coombadja Creek, Gibraltar Range, NSW; 1M,5F, Top Camp Diggings, 42 km SSW, Cloncurry, QLD; 2F, stock tank off highway, 88 km NW Mt. Isa, QLD.

Chalinolobus morio.

1M, Third Cave, Stockyard Gully, WA.

Chalinolobus nigrogriseus.

1F, 7 km NW of Chillagoe, QLD; 2M,1F, Fanning River Station, 29 km N of Mingela, QLD; 1F, 3 km N of Mt. Molloy, QLD; 3F, Wildman River, 48 km S, 20 km W of Pt. Stuart, NT; 1M, mouth of Gorge, Katherine River, NT; 1F, 2 km S of Mt. Wells, NT.

Eptesicus pumilus.

1M, Glenorchy, Tas; 1M, Lindeman Island, QLD; 2m,2F, Cave Rock, 5 km N of Roma Peak, 48 km SSW of Bowen, QLD; 1M, cave 4 km NW of Christmas Creek Station, QLD; 1F, sea cave at Douglas Hill, 4 km N of Townsville, QLD; 1M,5F, Ryan's Creek Cave, 10 km NW of Chillagoe, QLD; 1M, waterhole 7.2 km NW of Chillagoe, QLD; 1M, lava tunnel on Yaramulla Station, 100 km SW of Mt. Garnet, QLD; 6M, 16 km E of Georgetown, QLD; 2M, mine 3 km W of Croydon, QLD; 2M, mine in Mary Douglas Hill, 42 km SSW of Cloncurry, QLD; 1M, 32 km SSW of Cloncurry, QLD; 2M, 1F, 3 km N Mt. Molloy, QLD; 1F, Wildman River, 48 km S, 20 km W of Pt. Stuart, NT; 4M, 1F, 1 km S of Pine Creek, NT; 2F, 3M, 7 km N, 15 km E of Tennant Creek, NT.

Eptesicus sagittula.

2M, Cobcraft Creek, Werrikimbe National Park, Hastings Shire, NSW; 1M, Mt. Glorious, QLD.

Eptesicus vulturinus.

1F, 5 km E of Wallangarra, QLD.

Miniopterus australis.

4M,1F, 11 km W of Ayr, QLD; 1M,1F, The Caves, 26 km N of Rockhampton, QLD; 2M,2F, Douglas Hill, 4 km N of Townsville, QLD; 5M, Cangai Copper Mine, Cangai, NSW; 1M,3F, Gold Creek, 5 km S of Kenmore, QLD; 1M,1F, 12 km S of Kilkivan, QLD; 2F, Shamrock Mine, 11 km N of Biggenden, QLD; 1M, Boolboonda railroad tunnel, 20 km NE of Mt. Perry, QLD; 1M,2F, Stoney Creek Bat Cave, 32 km N of Yeppoon, QLD; 1M,1F,

Fanning River Station, 29 km N of Mingela, QLD; 2M,1F, Marble Creek, 32 km SE of Greenvale, QLD; 1M,1F, Gustav Creek, Nelly Bay, Magnetic Island, QLD; 1M, Kirrama Forest Camp, 32 km W of Kennedy, QLD; 1M, Haunted Cave, 9 km NW of Chillagoe, QLD; 2M,6F, lava tunnel, Yaramulla Station, 100 km SW of Mt. Garnet, QLD.

Miniopterus schreibersi.

7M,6F, 11 km W of Ayr, QLD; 2M, Coombadja Creek, Gibraltar Range, NSW; 5M, Cangai Copper Mine, Cangai, NSW; 1F, Gold Creek, 5 km N of Kenmore, QLD; 1M, mine, 11.8 km N of Kilkivan, QLD; 2M, Shamrock Mine, 11 km N of Biggenden, QLD; 1M, lime kiln, 22 km N of Biggenden, QLD; 2M, Boolboonda railroad tunnel, 19 km NE of Mt. Perry, QLD; 1M,2F, Marble Creek, 32 km SE of Greenvale, QLD; 1M,1F, cave at Bramston Beach, QLD; 2M,1F, mine, 2.4 km S of Mt. Molloy, QLD; 1M, Rothwell Mine, 6 km S of Coen, QLD; 2M,4F, lava tunnel, Yaramulla Station, 100 km SW of Mt. Garnet, QLD; 1M,1F, Fanning River Station, 29 km N of Mingela, QLD; 1M, mine on Cells Creek, 7 km SSE of Mt. Sea View, NSW; 1M, mine, 12 km N of Kilkivan, QLD; 1M,1F, highway culvert, 13.5 km NE of Mt. Molloy, QLD; 2M,1F, Spring Hill Mine, 8 km S, 5.4 km W of Mt. Wells, NT.

Myotis adversus.

3M, 11 km W of Ayr, QLD; 3M,4F, railroad tunnel, 3 km NW of Sanford, QLD; 2M, culvert over Bluewater Creek, 8 km W of Cardwell, QLD; 1M, culvert under highway, Bingil Bay, QLD; 1?, Kirrama Forest Camp, 32 km W of Kennedy, QLD; 1F, Enogerra Creek, Brisbane, QLD; 1M,3F, mouth of Gorge, Katherine River, NT.

Scotorepens balstoni.

1M,2F, Gustav Creek, Nelly Bay, Magnetic Island, QLD; 2M, 1F, 8.8 km NW of Chillagoe, QLD; 1F, Fanning River Station, 29 km N of Mingela, QLD.

Scotorepens greyi.

2F, Southport, QLD; 2M,1F, Marble Creek, 32 km SE of Greenvale, QLD; 3M,5F, Top Camp Diggings, 42 km SSW of Cloncurry, QLD; 1M,1F, stocktank off highway, 88 km NW of Mt. Isa, QLD; 2F, Enogerra Creek, Brisbane, QLD; 3M,3F, Wildman River, 48 km S, 20 km W of Pt. Stuart, NT; 1F, 6 km NE of Pine Creek; 2M,2F, mouth of Gorge, Katherine River, NT.

Scotorepens influatus

1M,1F, Top Camp Diggings, 42 km SSW of Cloncurry, QLD.

Scoteanax rueppellii

1M, National Park Headquarters, Gibraltar Range, NSW; 1M, Coombadja Creek, Gibraltar Range, NSW; 1M,1F, Moorabark, Werrikimbe National Park, NSW.

Nyctophilus arnhemensis.

3M,3F, Wildman River, 48 km S, 20 km W of Pt. Stuart, NT.

Nyctophilus bifax.

1M,1F, Cooktown, QLD; 1M,1F, 7 km NW of Chillagoe, QLD; 1F, 3km E of Mt. Molloy, QLD; 3M, Rifle Creek, 3 km N of Mt. Molloy, QLD; 1M,1F, Hann River crossing, 60 km S of Musgrave, QLD; 1M, 2 km N of Mt. Molloy, QLD.

Nyctophilus geoffroyi.

2M, Mandura Millamolong, NSW; 1M, Fanning River Station, 29 km N of Mingela, QLD; 1?, Orbost, VIC.

Nyctophilus gouldi.

1F, Coombadja Creek, Gibraltar Range, NSW; 1F, Moorabark, Werrikimbe National Park, NSW; 2M, Cobcraft Creek, Werrikimbe National Park, NSW; 1M, 18.75 km N of Dorrigo, NSW; 1F, 26 km N, 2 km E of Dorrigo, NSW; 1M, Mt. Glorious Rainforest, QLD; 1M, Enogerra Creek, Brisbane, QLD.

Nyctophilus walkeri.

2M, mouth of Soda Creek, Wildman River, NT; 1M, 2 km S of Mt. Wells, NT.

MOLOSSIDAE

Mormopterus beccarii.

1M, 4F, Tully, QLD; 3M, stockwater tank off highway, 88 km NW Mt. Isa, QLD.

Mormopterus loriae.

2M, Enoggera Creek, Brisbane, QLD.

Mormopterus planiceps.

1M, Red Cliffs, Brazenor, VIC.

Tadarida australis

1M, Costerfield, Vic.

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NOTICES**First National Flying Fox Symposium**

Copies of the papers presented at the symposium held in Brisbane in August 1986 have been bound into a booklet. There are 24 papers which cover all aspects of flying fox biology from identification, movements, physiology to crop protection and management. The booklet contains 80 typeset pages.

The price of one or less than ten copies is \$6.00 each. For 10 or more copies the price is \$4.50 per copy. Please add postage costs: \$1.65, (Queensland); \$2.10, (Australia); \$1.85, (Overseas surface mail); \$6.60, (Surface air lifted). Make cheques/ money orders payable to: 'Australian Mammal Society Flying Fox Symposium' and send to:

Dr Les Hall
 Department of Anatomy
 University of Queensland
 St Lucia Queensland 4067
 Australia.

Flying Fox Bibliography Available

Fruit Bats (Megachiroptera) of the World: A Bibliography was recently completed by the Institute of Pacific Islands Forestry in Honolulu, Hawaii. The bibliography is limited to bats of the suborder Megachiroptera and was compiled mainly from a search of computerised databases, but also includes older literature selected from references cited in documents in the Institute's collection. It contains a general alphabetical listing and cross-referenced subject index. The 38-page bibliography is available free of charge from: United States Department of Agriculture, Institute of Pacific Islands Forestry, 1151 Punchbowl Street, Rm.323, Honolulu, HI 96813.