

Key to species

ANT GENUS ORECTOGNATHUS

PROGRAM KEY. RUN AT 20.37 ON 27/09/78. STORAGE REQUIRED - 2506 WORDS.

CHARACTERS - 24 READ, 24 MASKED, 23 USED IN KEY.
ITEMS - 32 READ, 32 MASKED, 29 APPEAR IN KEY; 29 TAXA.

RBASE = 1.40, ABASE = 2.00, REUSE = 1.01, VARYWT = .800, NCONF = 2

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|-----------|---|------------------|
| 1. (0) | MESONOTAL PROFILE SIMPLE..... | 2 |
| | MESONOTAL PROFILE COMPLEX..... | 13 |
| 2. (1) | PRONOTAL HUMERI ARMED; ANTEOCULAR DENTICLES PRESENT, DISTINCT, SHARPLY POINTED;
DISTRIBUTION AUSTRALIA..... | 3 |
| | PRONOTAL HUMERI ROUNDED, LACKING ARMAMENT; ANTEOCULAR DENTICLES LACKING;
DISTRIBUTION NEW GUINEA..... | 9 |
| 3. (2) | EYES OF NORMAL SIZE, PLACED BEHIND LEVEL OF ANTENNAL FOSSAE; SHAFTS OF CLOSED
MANDIBLES MORE-OR-LESS PARALLEL, APICAL TEETH NOT NOTABLY REDUCED;
VENTROLATERAL MARGINS OF PRONOTUM WITH STRONG SALIENT ANGLES..... | 4 |
| | EYES ENLARGED, DISPLACED FORWARDS TO ABOUT LEVEL OF ANTENNAL FOSSAE; SHAFTS OF
CLOSED MANDIBLES CONVERGING APICALLY, APICAL TEETH REDUCED IN SIZE;
VENTROLATERAL MARGINS OF PRONOTUM BROADLY ROUNDED..... | 7 |
| 4. (3) | PROPODEAL SPINES VERY REDUCED, MUCH SMALLER THAN PRONOTALS AND NO LARGER THAN
ANTEOCULAR DENTICLES..... | PARVISPINUS
5 |
| | PROPODEAL SPINES NOT SMALLER THAN PRONOTALS..... | |
| 5. (4) | PRONOTAL SPINES DISTINCTLY LARGER THAN ANTEOCULAR DENTICLES..... | 6 |
| | PRONOTAL SPINES AT MOST BARELY LARGER THAN ANTEOCULAR DENTICLES..... | ALLIGATOR |
| 6. (5) | SUBPOSTPETIOLAR PROCESS PRESENT, ACUTELY DIGITATE..... | KANANGRA |
| | SUBPOSTPETIOLAR PROCESS LACKING..... | ROBUSTUS |
| 7. (3) | DORSAL PROFILES OF MESOSOMA, PETIOLE AND POSTPETIOLE BROKEN BY NUMEROUS FINE,
SHORT, ERECT HAIRS; OCCIPITAL EMARGINATION EXCEPTIONALLY SHALLOW, ITS SIDES
ENCLOSING AN ANGLE OF AROUND 100 DEGREES..... | 8 |
| | DORSAL PROFILES OF MESOSOMA, PETIOLE AND POSTPETIOLE BROKEN BY FEW, IF ANY,
ERECT HAIRS; OCCIPITAL EMARGINATION NEITHER EXCEPTIONALLY DEEP NOR SHALLOW,
ITS SIDES ENCLOSING AN ANGLE WITHIN THE RANGE 50 TO 90 DEGREES..... | COCCINATUS |
| 8. (7) | FRONS WITH DENSE, LARGE FOVEAE, AVERAGE SPACING LESS THAN THEIR MEAN DIAMETER... | NANUS |
| | FRONS WITH SCATTERED, WEAKLY IMPRESSED FOVEAE, INTERSPACES STRONGLY SHINING.... | ROSTRATUS |
| 9. (2) | APICES OF OCCIPITAL LOBES BROADLY ROUNDED..... | SZENTIVANYI |
| | APICES OF OCCIPITAL LOBES EACH DRAWN TO A BLUNT POINT BUT NOT SPINOSE..... | 10 |
| | APICES OF OCCIPITAL LOBES EACH BEARING AN ACUTE SPINE..... | 12 |
| 10. (9) | POSTPETIOLE DISTINCTLY LONGER THAN BROAD IN DORSAL VIEW; FRONS SMOOTH AND
SHINING, LACKING FOVEAE..... | 11 |
| | POSTPETIOLE NOT LONGER THAN BROAD IN DORSAL VIEW; FRONS WITH SCATTERED, WEAKLY
IMPRESSED FOVEAE, INTERSPACES STRONGLY SHINING..... | CHYZERI |
| 11. (10) | HEAD AND MESOSOMA BROWNISH RED, GASTER BROWNISH YELLOW..... | BIROI |