

Characters and states – DELTA format

- #1. MAXIMUM HEAD LENGTH/
MM/
- #2. SHAFTS OF CLOSED MANDIBLES/
A. MORE-OR-LESS PARALLEL, APICAL TEETH NOT NOTABLY REDUCED/
B. CONVERGING APICALLY, APICAL TEETH REDUCED IN SIZE/
- #3. EACH INNER MANDIBULAR BORDER, JUST BASAD OF APICAL TEETH,/
A. WITH ITS MARGINAL FLANGE FORMING A STRONG TOOTH-LIKE PROCESS, ACUTE TO SUBACUTE AT TIP/
B. WITH ITS MARGINAL FLANGE EXPANDED AS A ROUNDED PROCESS, NOT TOOTH-LIKE/
C. WITH A MINUTE SUBACUTE ANGLE OR DENTICLE FORMING THE APICAL CORNER OF ITS NARROW MARGINAL FLANGE/
D. WITHOUT ARMAMENT (MARGINAL FLANGE IF PRESENT FOLLOWING CONTOUR OF JAW, BUT NOT ITSELF EXPANDED)/
- #4. BASAL TWO-THIRDS OF INNER MANDIBULAR BORDERS/
A. NOT CONCAVE (STRAIGHT, FEEBLY CONVEX OR FEEBLY SINUOUS)/
B. SHALLOWLY BUT DISTINCTLY CONCAVE/
- #5. EYES/
A. OF NORMAL SIZE, PLACED BEHIND LEVEL OF ANTENNAL FOSSAE/
B. ENLARGED, DISPLACED FORWARDS TO ABOUT LEVEL OF ANTENNAL FOSSAE/
- #6. ANTEOCULAR DENTICLES/
A. PRESENT, DISTINCT, SHARPLY POINTED/
B. REPRESENTED BY LOW ROUNDED TUMOSITIES, ABOUT AS HIGH AS FRONTAL LOBES/
C. LACKING/
- #7. FRONS/
A. WITH DENSE, LARGE FOVEAE, AVERAGE SPACING LESS THAN THEIR MEAN DIAMETER/
B. WITH SCATTERED, WEAKLY IMPRESSED FOVEAE, INTERSPACES STRONGLY SHINING/
C. SMOOTH AND SHINING, LACKING FOVEAE/
D. DENSELY SHAGREENED, OPAQUE, MACROSCULPTURAL FOVEAE FEW, WEAKLY IMPRESSED/
- #8. MEDIAN FRONTAL TEETH/
A. PRESENT/
B. LACKING/
- #9. OCCIPITAL EMARGINATION/
A. EXCEPTIONALLY DEEP, ITS SIDES ENCLOSING AN ANGLE OF LESS THAN 25 DEGREES/
B. NEITHER EXCEPTIONALLY DEEP NOR SHALLOW, ITS SIDES ENCLOSING AN ANGLE WITHIN THE RANGE 50 TO 90 DEGREES/
C. EXCEPTIONALLY SHALLOW, ITS SIDES ENCLOSING AN ANGLE OF AROUND 100 DEGREES/
- #10. APICES OF OCCIPITAL LOBES/
A. BROADLY ROUNDED/
B. EACH DRAWN TO A BLUNT POINT BUT NOT SPINOSE/
C. EACH BEARING AN ACUTE SPINE/
- #11. PRONOTAL HUMERI/
A. ARMED/
B. ROUNDED, LACKING ARMAMENT/
- #12. PRONOTAL SPINES/
A. DISTINCTLY LARGER THAN ANTEOCULAR DENTICLES/
B. AT MOST BARELY LARGER THAN ANTEOCULAR DENTICLES/
- #13. VENTROLATERAL MARGINS OF PRONOTUM/
A. BROADLY ROUNDED/
B. WITH STRONG SALIENT ANGLES/
- #14. MESONOTAL PROFILE/
A. SIMPLE/
B. COMPLEX/
- #15. MESONOTUM/
A. ARMED WITH TWO PAIRS OF RAISED TUBERCLES, THE POSTERIOR PAIR THE LARGER, ACUTELY SUBDENTATE/
B. ARMED WITH TWO PAIRS OF VERY LOW ROUNDED TUMOSITIES, SUBEQUAL IN SIZE AND