



1

Neltneria



2

Bondonella

Posterior margin of cephalon deflected slightly forward distally. Glabella parallel sided, bluntly rounded anteriorly. LA elongate. Ocular lobe connected only to posterior part of LA. Ocular lobe close to glabella; interocular area poorly differentiated. Thorax with 17 segments. *Lower Cambrian*.

Neltneria HUPÉ, 1953a, p. 133 [**Wanneria Jacqueti* Neltner & Poctey, 1949, p. 74; OD; lectotype (Neltner & Poctey, 1949, pl. 6, fig. 5; SD Palmer & Repina, 1993, p. 30), R50864, MNHN, Paris]. Preglabellar field absent; interocular area poorly defined, its width (tr.) less than half that of extraocular area; posterior tip of ocular lobe opposite L1. Thorax has 17 segments; each segment with short (exsag.) pleural spine; width (tr.) of inner pleural region about same as that of axis; 11th segment macropleural; 12th to 17th segments decreasing in width (tr.) rapidly and progressively backward. Pygidium small, subquadrate, possibly of 2 or 3 segments. *Lower Cambrian*: Morocco (Anti-Atlas), *Antatlasia gutta-pluviae* Zone.—FIG. 268, 1. **N. jacqueti*; complete individual, ICS replica 122, X2 (Palmer & Repina, 1993, fig. 11.1).

Bondonella HUPÉ, 1953a, p. 135 [**B. typica* HUPÉ, 1953a, p. 136; OD; holotype (Neltner & Poctey, 1949, pl. 6, fig. 1), R50865, MNHN, Paris]. Length (sag.) of prelabellar field about equal to that of anterior border; interocular area poorly defined, its width (tr.) more than half width of extraocular area; posterior tip of ocular lobe opposite occipital furrow. Thorax with 17 segments; width (tr.) of inner pleural region of each segment narrower than axis; no macropleural segments. *Lower Cambrian*: Morocco (Anti-Atlas), *Antatlasia gutta-pluviae* Zone.—FIG. 268, 2. **B. typica*; complete individual, holotype, MNHN R50865, X3 (Palmer & Repina, 1993, fig. 11.2).

Family NEVADIIDAE Hupé, 1953

[*nom. transl.* REPINA, 1979, p. 19, ex Nevadiinae HUPÉ, 1953a, p. 124] [=Nevadiinae POULSEN in MOORE, 1959, p. 196; SUVOROVA in TCHERNYSHEVA, 1960, p. 62; BERGSTRÖM, 1973b, p. 309, *partim*; Nevadiidae REPINA, 1979, p. 19, *partim*; AHLBERG, BERGSTRÖM, & JOHANSSON, 1986, p. 40, *partim*; PALMER & REPINA, 1993, p. 31]

Glabella weakly to strongly tapered forward in dorsal view. LA elongate. Ocular lobe connected only to posterior part of LA. Interocular area narrow. Posterior tips of ocular lobes opposite or anterior to occipital furrow. Width of interocular area variable. Thorax with 15 to 27 segments, without development of macropleurae. *Lower Cambrian*.

Nevadia WALCOTT, 1910, p. 256 [**N. weeksi*; OD; lectotype (Walcott, 1910, pl. 23, fig. 2; SD PALMER

FIG. 268. Neltneriidae (p. 426)