

Erratum

The gas and dust coma of Comet C/1999 H1 (Lee)^{*}

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The results concerning the NH₂ *g*-factors and production rates in Sect. 3.2.1 should read as follows:

The corresponding *g*-factor is $7.79 \times 10^{-15} \text{ erg s}^{-1} \text{ mol}^{-1}$ according to Tegler & Wyckoff (1994), or $3.63 \times 10^{-15} \text{ erg s}^{-1} \text{ mol}^{-1}$ as inferred from the data in Table 1 of Kawakita & Watanabe (2002) interpolated at $r_h = 0.98 \text{ AU}$ (heliocentric distance of Comet Lee during our observations).

In the case of NH₂, a theoretical profile obtained with $l_p = 7500 \text{ km}$, $l_d = 70\,000 \text{ km}$, and production rate $(5.52 \pm 0.03) \times 10^{26} \text{ s}^{-1}$ (if the *g*-factor is from Tegler & Wyckoff 1994) or $(1.18 \pm 0.01) \times 10^{27} \text{ s}^{-1}$ (if the fluorescence factor is from Kawakita & Watanabe 2002) best resembles the observations.

Similarly, Sect. 4 has to be accordingly read as: the ammonia-to-water abundance for Comet Lee ranges from ~1% to ~0.5% depending on the considered *g*-factors, viz. those given by Kawakita & Watanabe (2000) or Tegler & Wyckoff (1989) corrected according to Arpigny (1995), respectively.

* Based on observations obtained at ESO La Silla within programme No.: 60.A–9011(A).