Revised 2010-09-28

The following errors have been found in **Sea Salt Aerosol Production** by E. R Lewis & S. E. Schwartz. Notification of any others would be appreciated by the authors.

Before 2008-07-22:

Title page: "…Measurements and Models…" should be "…Measurements, and Models…"

Back of title page: "…Measurements and Models…" should be "…Measurements, and Models…"

Back of title page: "Geophyscial" should be "Geophysical"

p. x, col. 2: "We rely…" should not start a new paragraph

p. 12, Table 2: "r_{80} μm/range" should be "r_{80}/μm range"

p. 18, col. 1: $r_{80}^{*} = r_{80}' \exp\left\{i\left(\ln\sigma\right)\right\}^2$ should be $r_{80}^{*} = r_{80}' \exp\left\{i\left(\ln\sigma\right)^2\right\}$

p. 26: The Köhler, 1936 reference should be Köhler, H., Zur Kondensation des Wasserdampfes in der Atmosphäre, *Geofysiske Publikationer*, Vol. 2, No. 1, p. 3, No. 3, p. 6, 1926.

p. 55, col. 2: Some of the approximations for the Kelvin effect for small drops are incorrect. For r_{80} = 0.01 μm, $r_{98}/r_{80} \approx 1.3$ (not 1.5, as stated in the text), and for r_{80} = 0.03 μm and 0.05 μm, respectively, the ratio r_{98}/r_{80} is approximately equal to 1.6 and 1.7, respectively (not 1.8 and 1.9, as stated in the text). The approximation given for the overestimation of the radius due to neglect of the Kelvin effect is roughly a factor 2 too large for *rh* = 0.8, but correct for *rh* = 0.98. Thus for a SSA drop with r_{80} = 1 μm, this amount corresponds to an overestimation of the radius of only about 0.1% (and not 0.2%, as stated in the text) at 80% RH; the value stated at 98% RH (1%) is correct. For a SSA drop with r_{80} = 0.01 μm neglect of the Kelvin effect results in overestimation of the radius by a factor of 1.1 (not 1.2 as stated in the text).

p. 65, Fig. 10: "Square root" law gives speed in m s^{-1}, not cm s^{-1}; speed in cm s^{-1} given by $\left(r/0.0025\,\mu\text{m}\right)^{1/2}$.

p. 68, col. 2: The approximation proposed by Olson (1961), C_d=24/*Re*[1+(3/16)*Re*]$^{1/2}$, which he stated was accurate for *Re*<100, is not accurate to within ~10% for *Re*<1000 (as stated in the text); it is approximately 20% low at *Re*=1000 and ~10% low at *Re*=250. The accuracy for *Re* from 250-1000 can be improved by changing (3/16) to (3/12), but at the cost of greater inaccuracy for smaller values of *Re*.

p. 111, column 2, line 17: "then" should be "than"

p. 114, Fig. 15: The arrow after "L" should extend to *z*-axis.

p. 130, Fig. 17: "Tsungoai" should be "Tsunogai"

p. 156, Table 13, Figs. 22b, 22c, 22e, and elsewhere throughout text: "O'Dowd et al. [1997a]" should be "O'Dowd et al. [1997]"

p. 348, col. 1: "…at 7 locations…" should be "…at 9 locations…"

p. 355: The value of surface tension of seawater of salinity 35 (σ) at 20ºC should be $7.3 \cdot 10^{-2}$ instead of $7.4 \cdot 10^{-2}$.

p. 358: Table 1 is on pp. 2-3, not p. 2.

p. 358: Table 6 should be titled "Composition of Seawater of Salinity 35".

p. 358: Table 7 should be titled "Recipe for Artificial Seawater of Salinity 35".

p. 376:"Heintzenberg, J., D.C.Cover,…" should be "Heintzenberg, J., D.C.Covert,…"

2008-07-22: p. 411, include p. 51 for sea surface microlayer

2009-03-25: p. 355: the units for k_a, the thermal conductivity of air, should be kg m s^{-3} K^{-1}.

2010-03-04: p. 383, column 2: article by Li, X., H. Marine, … should be H. Maring

2010-04-13: p. 41, col. 2, line 17: “moeities” should be “moieties”

2010-07-27: p. 49, caption to Table 7: “listed in Table 5…” should be “listed in Table 6…”

2010-09-28 p. 18, col. 2, “The integral $N = n_0(\pi)^{1/2}\log\sigma =$ “ should be “The integral $N = n_0(2\pi)^{1/2}\log\sigma =$”

2011-03-16 p. 18, Table 4: the third value in the rightmost column, “1.4”, should be “14”