ERRATA

'*Structural characterization of polyprenols by* ^{13}C*-n.m.r. spectroscopy: Signal assignments of polyprenol homologues*', *Polymer*, 1982, **23**, pages 1087–1090
Y. Tanaka, H. Sato and A. Kageyu

Page 1087, abstract should read as follows:

The ^{13}C-n.m.r. spectra of geraniol, nerol, four isomers of farnesol and eight isomers of geranylgeraniol were investigated as low molecular weight homologues of polyprenol. The aliphatic carbon signals were assigned by considering the correlation of chemical shifts between these compounds. The C-1 methylene carbon atom in *trans* units exhibited four signals around 39 ppm reflecting the cis–*trans*, *cis–trans*(α), *trans–trans* and *trans–trans*(α) linkages. The C-1 methylene carbon atom in *cis* units showed two signals around 32 ppm reflecting *cis–cis* and *cis–cis* linkages. Here, the ω terminal unit showed the same shielding effect as the *trans* unit on the subsequent unit. The geometric isomerism of the unit linked to the ω terminal unit was distinguished by the chemical shift of the C-1 methyl and C-4 methylene carbon signals. The geometric isomerism of the α terminal unit was determined from the chemical shift of the C-4 CH_2OH carbon signal. These correlations were independent of the molecular weight of polyprenol homologues.

Page 1087, column 1, chemical formula should read:

$$(CH_3)_2C{=}CH{-}CH_2{-}(CH_2{-}\overset{CH_3}{\overset{|}{C}}{=}CH{-}CH_2)_{n-2}{-}CH_2{-}\overset{CH_3}{\overset{|}{C}}{=}CH{-}CH_2OH \quad (I)$$

ω-terminal internal α-terminal

Page 1087, column 2, line 4 should read: 'This method is based on the fact that the C-1 methylene carbon atoms in isoprene units show four signals reflecting the *cis–trans*, *trans–trans*, *trans–cis* and *cis–cis* linkages in the case of *cis–trans* isomerized polyisoprenes[5].'

Page 1088, column 2, 3rd paragraph, line 6 should read: 'The chemical shift of the C-1 methylene signal of the *trans* was in the following order: *cis–trans*(α) > ω–*trans* > *trans–trans*(α).'

Page 1090, column 2, line 1 should read: 'The C-1 methylene carbon atom in the *cis* units showed two signals due to *cis–cis* and *trans–cis* (ω–*cis*) linkages.'

We apologize for these errata.

'*The local structure of molten polyethylene*', *Polymer* 1982, **23**, pages 1273–1285
G. R. Mitchell, R. Lovell and A. H. Windle

Figure 8 on page 1280 should be transposed with *Figure 14* on page 1284

We apologize for this error.

'*Poly(methylmethacrylate) plus water: sorption kinetics and volumetric changes*', *Polymer* 1982, **23**, pages 197–202
D. T. Turner

Attention is drawn to two typographical errors which do not affect the discussion and conclusions.

(1) In *Figure 4*, the curve drawn for the parameter $f=0.5$ should, in fact, continue linearly for values of $w>2.0$.

(2) A constant factor, ρ_0, was omitted in the denominator of equation (1). Equation (1) should be as follows:

$$\rho=\frac{\rho_0(1+w/100)}{1+\rho_0 wf/100\,\rho_w} \qquad (1)$$

'*Cohesive-energy density of shellac*', *Polymer* 1982, **23**, pages 417–421
P. K. Banerjee, B. C. Srivastava and S. Kumar

Pages 418 and 419, molecular formula for shellac should be read as $C_{60}H_{90}O_{15}$.

Pages 419 and 420, the formula in text and *Figure 2* should be read as

$$\left[1/V\mathrm{Ln}\frac{[\eta]_{\max}}{[\eta]}\right]^{\frac{1}{2}}.$$

Page 420, the molar volume of shellac may be read as 828.04 cc and the δ value may be read as 9.65 $(\mathrm{cal/cc})^{\frac{1}{2}}$.

Page 419, *Figure 2*, the value of $\left[1/V\mathrm{Ln}\frac{[\eta]_{\max}}{[\eta]}\right]^{\frac{1}{2}}$ at $\delta=12.7$ should be the value $\delta=9.9$ and the value of $\left[1/V\mathrm{Ln}\frac{[\eta]_{\max}}{[\eta]}\right]^{\frac{1}{2}}$ at $\delta=11.9$ should be the value $\delta=10.5$.

'*Heterogeneous reaction of polymers: 3. Conformational analysis of hetergeneously chlorinated polyethylenes*', *Polymer* 1982, **23**, pages 1163–1166
B. Bikson, J. Jagur-Grodzinski and D. Vofsi

The initial of the second author was mistakenly published as H. Jagur-Grodzinski where it should have read **J. Jagur-Grodzinski**.

We apologize for this error.

'*Environmental stress cracking and crazing in polymers in terms of irreversible thermodynamics*', *Polymer* **23**, pages 1204–1210
H. Okamoto and Y. Ohde

Page 1205, column 2, equation (2) should read:

$$\tilde{G}=(1/r)\ln(1-\varphi)+(1/s)(\varphi\ln\varphi)/(1-\varphi)+\chi\varphi$$
$$-\Delta p\varphi/(1-\varphi)+\text{constant} \qquad (2)$$

We apologize for this error.