

CORRECTION

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Correction: The stability of biradicaloid versus closed-shell $[E(\mu-XR)]_2$ ($E = P, As$; $X = N, P, As$) rings. Does aromaticity play a role?[†]

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 Correction for 'The stability of biradicaloid versus closed-shell $[E(\mu-XR)]_2$ ($E = P, As$; $X = N, P, As$) rings. Does aromaticity play a role?' by Rafael Grande-Aztatzi *et al.*, *Phys. Chem. Chem. Phys.*, 2016, **18**, 11879–11884.

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We would like to inform the reader of a correction that needs to be made to our previous publication. The energy differences (ΔE) between the planar and butterfly isomers of the $[P(\mu-PH)]_2$, $[P(\mu-AsH)]_2$, and $[As(\mu-AsH)]_2$ compounds are incorrectly reported to be -98.9 , -176.3 and -180.7 kcal mol⁻¹, respectively, on page 11882 and in Table 1. The correct values are -47.3 , -46.4 , and -44.1 kcal mol⁻¹, respectively, which appeared in the Table S1 of the supporting information.[†]

Thus the correct sentence should read "However, when N is substituted by heavier atoms, like P or As, the butterfly isomer turns out to be the most stable isomer, by 47.3 kcal mol⁻¹ for $[P(\mu-PH)]_2$ and 46.4 kcal mol⁻¹ for $[P(\mu-AsH)]_2$, and by 27.7 kcal mol⁻¹ for $[As(\mu-PH)]_2$ and 44.1 kcal mol⁻¹ for $[As(\mu-AsH)]_2$ ".

The corrected version of Table 1 is given below.

Table 1 Relative energies at the MCQDPT level, and the lowest frequency and geometry parameters of the MCSCF(2,2)/aug-cc-pVTZ optimizations. ΔE in kcal mol⁻¹, ν_{\min} in cm⁻¹, bond lengths in Å, bond angles and dihedral angles in degrees

	$[P(\mu-AsH)]_2$			$[As(\mu-PH)]_2$		
	N	P	As	N	P	As
Planar						
ΔE	0.0	0.0	0.0	0.0	0.0	0.0
ν_{\min}	338.6	175.8	39.3	238.6	102.3	-19.8
E-X	1.684	2.055	2.333	1.814	2.268	2.453
E-E	2.580	3.308	3.393	2.814	3.494	3.531
X-H	0.990	1.396	1.508	0.992	1.400	1.510
E-X-E	100.0	107.2	93.3	101.8	100.5	92.1
X-E-X	80.0	77.9	86.7	78.2	100.8	87.6
X-E-E-X	180.0	176.5	179.9	180.0	180.0	167.8
Butterfly						
ΔE	21.5	-47.3	-46.4	17.2	-27.7	-44.1
ν_{\min}	468.4	234.5	148.4	280.9	192.1	127.0
E-X	1.760	2.212	2.333	1.893	2.339	2.450
E-E	2.084	2.206	2.170	2.337	2.445	2.463
X-H	1.004	1.410	1.516	1.004	1.409	1.515
E-X-E	72.6	58.8	55.4	76.2	63.0	60.3
X-E-X	80.1	82.1	84.3	78.1	80.4	81.6
X-E-E-X	106.0	98.6	97.5	106.4	98.4	98.1

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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