



## Erratum

In the article “Polyploidy as a chromosomal component of stochastic noise: variable scalar ( $\lambda$ ) multiples of the diploid ( $2n$ ) chromosome complement in the invertebrate species *Girardia schubarti* from Brazil”, DOI <http://dx.doi.org/10.1590/1519-6984.20615>, published in Brazilian Journal of Biology, Braz. J. Biol. vol.77 no.4, pp, 745-751:

Where it reads:

Where a specimen is dominated by polyploidy at numerically rational multiples (e.g.  $3n$ ,  $4n$ ,  $8n$ ) total plate count will be the denominator in calculating overall polyploid proportions so that  $\Sigma_{[\text{total plate count}]} = 2n+3n+4n+\dots$ , when 7 plates at  $2n=8$ , 15 plates at  $3n=12$ , 41 plates at  $4n=16$ , 9 plates at  $8n=32$ ;  $\Sigma_{[\text{total plate count}]} = 7+15+41+9=72$ . Any plate count that is a geometric scalar multiple of the polyploid dominant (e.g.  $4n=16$ ,  $8n=32$ ) is counted with/and as a component of the predominant polyploid count (e.g. 7 plates at  $2n=8$ , 41 plates at  $4n=16$ , 9 plates at  $8n=32$ ). The predominant polyploid plate count = 41 at  $4n=16$   $\Sigma_{[\text{predominant polyploidy plate count}]} = 7+41+9=57$ . Use this sum to calculate the percentage that is the dominant polyploid component of the specimen (e.g.  $57/72=0.792$ ). Multiply that percentage by the haploid (i.e.  $n=4$ ) of the specimen (e.g.  $0.792 \times n=4=3.17$ ). Add this result to the highest irrationally numerical scalar multiple of  $2n$  (e.g.  $3n$  plus any of its rational multiples) within that specimen:  $\Sigma_{[\text{predominant polyploidy plate count}]} = 41$  (at  $4n=16$ )+9(at  $8n=32$ )+7 (at  $2n=8$ ) =  $57/72=0.792 \times [n=4] = 3.17 + [3n=12] = 15.17 = PV$

It should read:

Where a specimen is dominated by polyploidy at numerically rational multiples (e.g.  $3n$ ,  $4n$ ,  $8n$ ) total plate count will be the denominator in calculating overall polyploid proportions so that  $\Sigma_{[\text{total plate count}]} = 2n+3n+4n+\dots$ , when 7 plates at  $2n=8$ , 15 plates at  $3n=12$ , 41 plates at  $4n=16$ , 9 plates at  $8n=32$ ;  $\Sigma_{[\text{total plate count}]} = 7+15+41+9=72$ . Any plate count that is a geometric scalar multiple of the  $2n$  polyploid dominant (e.g.  $4n=16$ ,  $8n=32$ ) is counted with/and as a component of the predominant polyploid count (e.g. 7 plates at  $2n=8$ , 41 plates at  $4n=16$ , 9 plates at  $8n=32$ ). The predominant polyploid plate count = 41 at  $4n=16$   $\Sigma_{[\text{predominant polyploidy plate count}]} = 7+41+9=57$ . Use this sum to calculate the percentage that is the dominant polyploid component of the specimen (e.g.  $57/72=0.792$ ). Multiply that percentage by the haploid (i.e.  $n=4$ ) of the specimen (e.g.  $0.792 \times n=4=3.17$ ). Add this result to the highest irrationally numerical scalar multiple of  $2n$  (e.g.  $3n$  plus any of its rational multiples) within that specimen:  $\Sigma_{[\text{predominant polyploidy plate count}]} = 41$  (at  $4n=16$ )+9(at  $8n=32$ )+7 (at  $2n=8$ ) =  $57/72=0.792 \times [n=4] = 3.17 + [3n=12] = 15.17 = PV$ . Wherever the dominant (rational multiple) polyploid percentage is  $\geq 90\%$ , the PV becomes that dominant rational polyploid scalar (e.g.  $4n$  plate count = 9,  $8n$  plate count = 1, dominant polyploid percentage is = 90%, PV = 16.00).

Where it reads:

**Table 1.** Regions furnishing specimens for this investigation and their altitudes, ploidal constitution and ploidal value (PV).

Region	Altitude (m)	Ploidal Constitution	( $\lambda$ )n-value	Number of specimens	PV
Cachoeirinha	23	Tetraploid	$4n=16$	3	16.00
Camaquã	39	Tetraploid	$4n=16$	1	16.00
Salvador do Sul	113	Diploid	$2n=8$	9	8.00
		Triploid	$3n=12$	2	12.00
		Tetraploid	$4n=16$	2	16.00
		SS-1 Mosaic	*	8	8.44
					8.80
					9.90
					11.458
					15.112
					15.608
					15.630

\*Karyotypic mosaics (SS-1 and SS-2) presented  $2n$ ,  $3n$ ,  $4n$ ,  $5n$ ,  $6n$  or  $8n$  ploidal multiples in varying proportions.

Table 1. Continued...

Region	Altitude (m)	Ploidal Constitution	(λ)n-value	Number of specimens	PV
		SS – 2 Mosaic	*	15	8.485
					8.50
					8.667
					8.769
					8.883
					9.22
					9.22
					9.33
					9.33
					9.50
					9.67
					10.03
					11.20
					11.33
					18.857
n=40					

\*Karyotypic mosaics (SS-1 and SS-2) presented 2n, 3n, 4n, 5n, 6n or 8n ploidal multiples in varying proportions.

It should read:

Table 1. Region, distribution, ploidal value (PV), regional altitude of origin for the 40 specimens of *Girardia schubarti*.

Region	Altitude (m)	Ploidal Constitution	(λ)n-value	Number of specimens	PV
Cachoeirinha	23	Tetraploid	4n=16	3	16.00
Camaquã	39	Tetraploid	4n=16	1	16.00
Salvador do Sul	113	Diploid	2n=8	9	8.00
		Triploid	3n=12	2	12.00
		Tetraploid	4n=16	2	16.00
		SS-1 Mosaic	*	8	8.44
					8.50
					8.67
					8.97
					11.41
					15.28
					15.608
			15.32		
		SS – 2 Mosaic	*	15	8.485
					8.50
					8.667
					8.769
					8.883
					9.11
					9.22
					9.33
					9.33
					9.50
					9.667
					9.87
					11.20
					11.33
					18.857
n=40					

\*Karyotypic mosaics (SS-1 and SS-2) presented 2n, 3n, 4n, 5n, 6n or 8n ploidal multiples in varying proportions.