

13 October 2004

Securities and Exchange Commission
Judiciary Plaza,
450 Fifth Street,
Washington DC 20549



SUPPL

Re: Bionomics Limited - File number 82-34682

Please see attached provided pursuant to Section 12g3-2(b) file number 82-34682.

Yours sincerely

A handwritten signature in black ink, appearing to be "Jill Mashado".

Per: Jill Mashado
Company Secretary

PROCESSED
OCT 22 2004 E
THOMSON
FINANCIAL

A handwritten signature in black ink, appearing to be "JW 10/21".

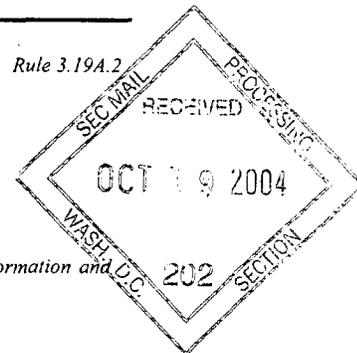
82-34682

Appendix 3Y
Change of Director's Interest Notice

Rule 3.19A.2

Appendix 3Y

Change of Director's Interest Notice



Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

Introduced 30/9/2001.

Name of entity: Bionomics Limited
ABN: 53 075 582 740

We (the entity) give ASX the following information under listing rule 3.19A.2 and as agent for the director for the purposes of section 205G of the Corporations Act.

Name of Director	Deborah Rathjen
Date of last notice	16 April 2004

Part 1 - Change of director's relevant interests in securities

In the case of a trust, this includes interests in the trust made available by the responsible entity of the trust

Direct or indirect interest	Indirect
Nature of indirect interest (including registered holder) <small>Note: Provide details of the circumstances giving rise to the relevant interest.</small>	David Rathjen - Husband
Date of change	13 October 2004
No. of securities held prior to change	Direct 2,200,000 Unlisted Options 244,759 Listed Ordinary Shares 14,047 Listed Options
Class	As Above
Number acquired	Indirect 43,174 Listed Options
Number disposed	Nil
Value/Consideration <small>Note: If consideration is non-cash, provide details and estimated valuation</small>	\$0.055 per share
No. of securities held after change	Direct 2,200,000 Unlisted Options 244,759 Listed Ordinary Shares 14,047 Listed Options Indirect 43,174 Listed Options

+ See chapter 19 for defined terms.

Appendix 3Y
Change of Director's Interest Notice

<p>Nature of change Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back</p>	<p>On-market purchase</p>
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Part 2 – Change of director's interests in contracts

Detail of contract	
Nature of interest	
Name of registered holder (if issued securities)	
Date of change	
<p>No. and class of securities to which interest related prior to change Note: Details are only required for a contract in relation to which the interest has changed</p>	
Interest acquired	
Interest disposed	
<p>Value/Consideration Note: If consideration is non-cash, provide details and an estimated valuation</p>	
Interest after change	

+ See chapter 19 for defined terms.