Erratum: Asteroids in the 2 : 1 resonance with Jupiter: dynamics and size distribution

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Key words: errata, addenda – methods: *N*-body simulations – methods: numerical – celestial mechanics – minor planets, asteroids.

The paper 'Asteroids in the 2 : 1 resonance with Jupiter: dynamics and size distribution' was published in Mon. Not. R. Astron. Soc. **335,** 417–431 (2002). Owing to a publishing error, the wrong versions of Figs 7 and 8 were inadvertently printed. The correct figures are shown below.
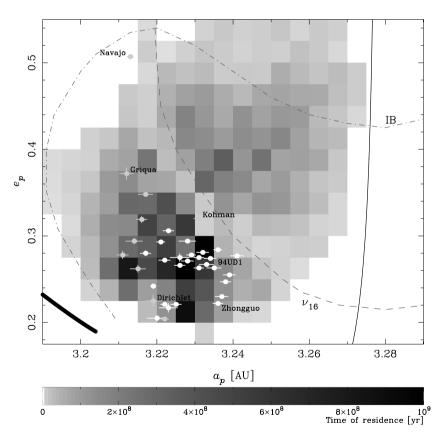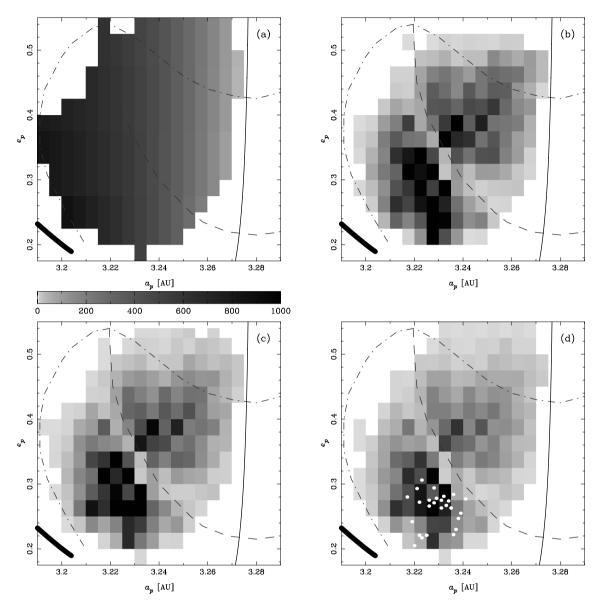

Figure 7. Residence times in the 2 : 1 mean motion resonance with Jupiter. The shortest residence times are ≪50 Myr. Blank areas denote cells never visited by any orbit. Zhongguos and Griquas are denoted by light grey and dark grey dots, respectively. The agreement between the longest residence times and the locations of the real asteroids is remarkable. According to this, the cluster around (11097) 1994 UD1 could survive in the resonance over several Gyr. A colour version of this figure can be seen in the online version of the journal on *Synergy*.

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Figure 8. Initial distribution of the resonant orbits in our random-walk simulations (panel a), and final distributions at $t = 4.5$ Gyr using three different values of p_e: 0 (panel b), 0.4 (panel c), and 1 (panel d). The grey scale denotes the number of particles per cell. The darker regions are the most populated ones. Panel (d) shows the location of stable asteroids (dots). A colour version of this figure can be seen in the online version of the journal on *Synergy*.