Phytotaxa 188 (5): 299–300
www.mapress.com/phytotaxa/

Correspondence

ISSN 1179-3155 (print edition)
PHYTOTAXA
ISSN 1179-3163 (online edition)

http://dx.doi.org/10.11646/phytotaxa.188.5.10

Lectotypification of *Pyrus astateria* Cardot (Rosaceae)

XIN CHEN[1] & YUNFEI DENG*[2]
[1]*College of Biology and The Environment, Nanjing Forestry University, Nanjing, 210037, People's Republic of China.*
[2]*Key Laboratory of Plant Resources Conservation and Sustainable Utilization, South China Botanical Garden, Chinese Academy of Sciences, Guangzhou, 510650, People's Republic of China.*
**Corresponding author: yfdeng@scbg.ac.cn*

Sorbus astateria (Cardot) Handel-Mazzetti (1933: 466) was originally described as *Pyrus astateria* Cardot (1918: 348). When Cardot (1918) described this new species, six collections (*Ducloux 114*, *3318*, *3485*, *4115*, *4751* and *Delavay s.n*) from Yunnan, China, were cited in the protologue. According to Art. 9.5 (McNeill *et al.* 2012), all of these specimens are syntypes. When Aldasoro *et al.* (2004: 63) revised *Sorbus* Linnaeus (1753: 477) subgenera *Aria* Persoon (1806: 39) and *Torminaria* (Candolle 1825: 636) Koch (1853: 178), they declared that they did not find these specimens at P and therefore designated *Sino-Amer. Bot. Exped. 593* (CAS) as a neotype. However, during studies of the Chinese *Sorbus*, all gatherings cited by Cardot were discovered at P and their images are available on the website of the herbarium (http://coldb.mnhn.fr). Therefore, the neotype chosen by Aldasoro *et al*. must be superseded under Art.9.19 (McNeill *et al.*, 2012). After examining the specimens cited by Cardot, all were in accordance with the original description. On *Ducloux 114*, an illustration with an analysis was pasted. Accordingly, we here designate *Ducloux 114* as the lectotype.

***Sorbus astateria* (Cardot) Handel-Mazzetti (1933: 466).**

≡ *Pyrus astateria* Cardot (1918: 348); *Aria astateria* (Cardot) Ohashi & Iketani (1993: 357). Lectotype (here designated!):—CHINA. Yunnan: "environs de My-tsao, bois de la montagne", 3 Mar 1897, *F. Ducloux 114* (P! barcodes 00689925).

Acknowledgments

This work was supported by Natural Science Research in Colleges and Universities of Jiangsu Province (grant no. 13KJB18007), Natural Science Foundation of Jiangsu Province (grant no. BK20141472), and the Priority Academic Program Development of Jiangsu Higher Education Institutions, Jiangsu Province, China (PAPD) to Chen. The authors thank the Muséum National d'Histoire Naturelle (MNHN)—Paris Herbarium (P) for providing images of the type material on their website for our studies.

References

Aldasoro, J.J., Aedo, C., Garmendia, F.M., de la Hoz, F.P. & Navarro, C. (2004) Revision of *Sorbus* subgenera *Aria* and *Torminaria* (Roaceae-Maloideae). *Systematic Botany Monographs* 69: 1–148. http://dx.doi.org/10.2307/25027918

Candolle, A.P. de (1825) Rosaceae. *In:* Candolle, A.P. de. (Ed.) *Prodromus Systematis Naturalis Regni Vegetabilis 2.* Treuttel & Würts, Paris, pp. 525–639. http://dx.doi.org/10.5962/bhl.title.286

Cardot, J. (1918) Rosacées nouvelles d'extréme-orient. *Notulae Systematicae* 3: 345–355.

Handel-Mazzeti, H. (1933) *Symbolae Sinicae* 7(3). Julius Springer Verlag, Wien, pp. 449–730.

Accepted by James Reveal: 27 Oct. 2014; published: 17 Dec. 2014

Koch, K.H.E. (1853) *Hortus dendrologicus 1.* F. Schneider & Comp., Berlin, 192 pp.
Linnaeus, C. (1753) *Species plantarum 1.* Laurentii Salvii, Stockholm, 560 pp.
McNeill, J., Barrie, F.R., Buck, W.R., Demoulin, V., Greuter, W., Hawksworth, D.L., Herendeen, P.S., Knapp, S., Marhold, K., Prado, J., Prud'Homme Van Reine, W.F., Smith, G.F., Wiersema, J.H. & Turland, N.J. (2012) *International Code of Nomenclature for algae, fungi, and plants (Melbourne Code) adopted by the Eighteenth International Botanical Congress Melbourne, Australia, July 2011.*[Regnum Vegetabile 154], 240 pp.
Ohashi, H. & Iketani, H. (1993) New combinations of Asiatic *Aria* (Rosaceae-Maloideae-Sorbeae). *Journal of Japanese Botany* 68: 355–361.
Persoon, C.H. (1806) *Synopsis Plantarum 2(1).* Carol. Frid. Cramerum, Paris, 272 pp.