

NEW TAXA AND NOMENCLATURAL NOVELTIES IN THE BRASSICACEAE (CRUCIFERAE)

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(TOTAL: 1075 BOTANICAL NOVELTIES AS OF 1 JULY 2020)

NEW TRIBES:

- Aethionemeae** Al-Shehbaz, Beilstein & E. A. Kellogg, *Pl. Syst. Evol.* 299: 110. 2006.
Alyssopsidae Al-Shehbaz, Warwick, Mummenhoff & M. Koch, *Pl. Syst. Evol.* 284: 228. 2010.
Aphragmeae German & Al-Shehbaz, *Harvard Pap. Bot.* 13: 168. 2008.
Asteae Al-Shehbaz, Warwick, Mummenhoff & M. Koch, *Pl. Syst. Evol.* 284: 228. 2010.
Boechereae Al-Shehbaz, Beilstein & E. A. Kellogg, *Pl. Syst. Evol.* 299: 111. 2006.
Conringieae German & Al-Shehbaz, *Harvard Pap. Bot.* 13: 169. 2008.
Crucihimalayeae German & Al-Shehbaz, *Nordic J. Bot.* 28: 647. 2010.
Descurainieae Al-Shehbaz, Beilstein & E. A. Kellogg, *Pl. Syst. Evol.* 299: 111. 2006.
Dontostemoneae Al-Shehbaz & Warwick, *Harvard Pap. Bot.* 12: 431. 2007.
Eudemeae Al-Shehbaz, Warwick, Mummenhoff & M. Koch, *Pl. Syst. Evol.* 284: 228. 2010.
Eutremeae Al-Shehbaz, Beilstein & E. A. Kellogg, *Pl. Syst. Evol.* 299: 112. 2006.
Halimolobodeae Al-Shehbaz, Beilstein & E. A. Kellogg, *Pl. Syst. Evol.* 299: 111. 2006.
Hellielleae H.L.Chen, T.Deng, J.P.Yue, Al-Shehbaz & H.Sun. 2016. *Plant Diversity* 38: 180.
Kernereae Al-Shehbaz, Warwick, Mummenhoff & M. Koch, *Pl. Syst. Evol.* 284: 228. 2010.
Malcolmieae Al-Shehbaz & Warwick, *Harvard Pap. Bot.* 12: 432. 2007.
Noccaeeae Al-Shehbaz, Beilstein & E. A. Kellogg, *Pl. Syst. Evol.* 299: 112. 2006.
Microlepidieae Al-Shehbaz, Warwick, Mummenhoff & M. Koch, *Pl. Syst. Evol.* 284: 228. 2010.
Notothlaspeae Al-Shehbaz, Warwick, Mummenhoff & M. Koch, *Pl. Syst. Evol.* 284: 229. 2010.
Oreophytoneae Al-Shehbaz, Warwick, Mummenhoff & M. Koch, *Pl. Syst. Evol.* 284: 228. 2010.
Scoliaxoneae Al-Shehbaz & Warwick, *Taxon* 60: 1161. 2011.
Smelowskieae Al-Shehbaz, Beilstein & E. A. Kellogg, *Pl. Syst. Evol.* 299: 111. 2006.
Stevenieae Al-Shehbaz, D. German & M. A. Koch. *Plant Div. Evol.* 129: 72. 2011.
Yinshanieae Al-Shehbaz, Warwick, Mummenhoff & M. Koch, *Pl. Syst. Evol.* 284: 228. 2010.

NEW TAXA (GENERA, SPECIES, AND SUBSPECIES) AND NEW COMBINATIONS

- Abdra aprica*** (Beadle) Al-Shehbaz, M. Koch & Jordon-Thaden, *Taxon* 61: 947. 2012.
Acuston perenne (Mill.) Mabb. & Al-Shehbaz, *Novon* 25: 415. 2017.
A. perenne subsp. *obovatum* (Boiss. & Kotschy) Mabb. & Al-Shehbaz. 25: 415. 2017.
A. petalodes (DC.) Al-Shehbaz. *Boissiera* 72: 86. 2019.
AIMARA Salariato & Al-Shehbaz, *Taxon* 62: 1230. 2013.
A. rollinsii (Al-Shehbaz & Martic.) Salariato & Al-Shehbaz, *Taxon* 62: 1230. 2013.

- Alshehbazia friesii*** (O.E.Schulz) Salariato, Zuloaga & Al-Shehbaz, J. Syst. Evol. doi: 10.1111/jse.12486: P. 10.
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- Alyssum asperum*** (Grauer) Al-Shehbaz, Harvard Pap. Bot. 18: 126. 2013.
- A. boissieri*** Al-Shehbaz, Harvard Pap. Bot. 18: 126. 2013.
- A. cyclodonteum*** (Delile) Al-Shehbaz, Harvard Pap. Bot. 18: 126. 2013.
- A. dahuricum*** (Peschkova) Al-Shehbaz, Novon 14: 153. 2004.
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- A. klimesii*** Al-Shehbaz, Novon 12: 309. 2002.
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- A. raddeanum*** (Albov) Al-Shehbaz, Harvard Pap. Bot. 18: 126. 2013.
- ANZHENGXIA** Al-Shehbaz & D.A.German, Novon 25: 13. 2016.
- A. yechingnica*** (C.H.An) Al-Shehbaz & D.A.German, Novon 25: 13. 2016.
- Aphragmus bouffordii*** Al-Shehbaz, Harvard Pap. Bot. 8: 26. 2003.
- A. ladakianus*** Al-Shehbaz, Novon 12: 310. 2002.
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- A. nepalensis*** (H. Hara) Al-Shehbaz, Harvard Pap. Bot. 5: 112. 2000.
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- A. cebennensis*** (de Candolle) O’Kane & Al-Shehbaz, Novon 7: 325. 1997.
- A. croatica*** (Schott) O’Kane & Al-Shehbaz, Novon 7: 325. 1997.
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- A. halleri*** subsp. ***gemmifera*** (Matsumura) O’Kane & Al-Shehbaz, Novon 7: 325. 1997.
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- Asta schaffneri*** subsp. ***stricta*** (Rollins) Al-Shehbaz, Novon 25: 11. 2016.
- Aubrieta ekimii*** Yüzb., Al-Shehbaz & M.A.Koch, Pl. Syst. Evol. 301: 2046. 2015.

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- B. laurentii* (Jonsell) Al-Shehbaz, Harvard Pap. Bot. 22: 2. 2017.
- B. tsaratananae* (Jonsell) Al-Shehbaz, Harvard Pap. Bot. 22: 2. 2017.
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- B. bursifolia* (de Candolle) R.A.Price, Al-Shehbaz & O’Kane, Novon 11: 334. 2001.
- B. bursifolia* subsp. *virgata* (Nuttall) R.A.Price, Al-Shehbaz & O’Kane, Novon 11: 335. 2001.
- Berteroa physocarpa** Yüzb. & Al-Shehbaz, Phytotaxa 305: 90. 2017.
- Boechera acutina** (Greene) Windham & Al-Shehbaz, Harvard Pap. Bot. 12: 236. 2007.
- B. arcuata* (Nuttall) Windham & Al-Shehbaz, Harvard Pap. Bot. 11: 64. 2006.
- B. atrorubens* (Suksd. ex Greene) Windham & Al-Shehbaz, Harvard Pap. Bot. 11: 64. 2006.
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- B. breweri* (S. Watson) Al-Shehbaz, Novon 13: 384. 2003.
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B. hoffmannii (Munz) Al-Shehbaz, Novon 13: 386. 2003.
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