

## Name changes in the Old World *Rhus* and recognition of *Searsia* (Anacardiaceae)

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### ABSTRACT

The background to and status of the genus *Searsia* F.A.Barkley (Anacardiaceae) is discussed and reasons given as to why it is the correct name for those Old World species in the *Rhus* complex formerly regarded as subgenus *Thezera* (DC.) K.Koch (section *Gerontogae* Engl.). An annotated list of all the accepted 111 species and 28 further infraspecific taxa in *Searsia* is presented, and where necessary, new combinations are made and types are designated.

### INTRODUCTION

When the author revised the southern African species of *Rhus* L., Anacardiaceae, for the *Flora of southern Africa* (Moffett 1993), he stated that he was retaining the species in *Rhus* pending the results of ongoing research on the generic status of this heterogeneous genus. Although he was aware that Barkley had previously published the name *Searsia* for the Old World *Rhus* species, he preferred to follow Brizicky (1963) in treating this group as subgenus *Thezera* (DC.) K.Koch.

Recent phylogenetic analyses using DNA and gene spacers of the *Rhus* complex have shown that *Searsia* is clearly monophyletic and widely separated from *Rhus* s. str. (Miller *et al.* 2001; Yi *et al.* 2004) and there is therefore no further reason not to uphold *Searsia* F.A.Barkley as the correct name for the 'Old World' *Rhus* species.

### BRIEF HISTORY OF THE NOMENCLATURE OF THE 'OLD WORLD' *RHUS* SPECIES

The Old World *Rhus* species are found in the Mediterranean, Africa and Asia. Linnaeus included three of these from the Cape in his list of 12 species in *Species plantarum* (Linnaeus 1753). Of the other nine, four have subsequently been retained as *Rhus* L., three as *Toxicodendron* Mill., one as *Cotinus* Mill. and one as *Allophylus* L., (Sapindaceae) [*Index Nominum Genericorum (plantarum)* (ING) 2006], epitomizing the heterogeneous nature of *Rhus sensu lato*. The type species of *Rhus* and therefore that which governs the application of *Rhus sensu stricto* is *Rhus coriaria* L., the sumach of southern Europe, Mediterranean region and the near East. With its pinnately compound leaves, drupes with prominent red glandular hairs and resinous mesocarp, it is outwardly markedly different to the species of subgenus *Thezera*, which are characterized by ternate, rarely simple or palmate leaves and drupes pale, glabrous or tomentose with a resinous mesocarp adhering to the bony endocarp.

The heterogeneity of *Rhus* was recognized early, and Bernhardt (1838) remarked at the end of a paper on *Laurophyllus* Thunb., that the ternate species of *Rhus* from the Cape were different to the true *Rhus* species and seemed to form a distinct genus which one could name *Terminthia* Bernh. Despite this name being used by Wu & Ming (1979) in *Flora Yunnan*, it is illegitimate, as according to Art. 34.1 (b) of the St Louis Code (Greuter *et al.* 2000), it is a provisional name. McNeill & Greuter (pers. comm. October 2006) are of the opinion that Bernhardt's use of the words 'welche man *Terminthia* nennen könnte' is a clear indication of provisional status and nonacceptance of the name.

The first person to lump all the Old World *Rhus* species together was Engler (1881), who placed them in his new section *Gerontogae* (the old rhusses), and who soon after provided the first detailed account of the genus in A. & C. De Candolle's *Monographiae phanerogamarum* (Engler 1883). His encyclopaedic treatment of *Rhus* with its four sections, *Trichocarpae*, *Venenatae*, *Gerontogae* and *Melanocarpae*, formed the foundation by which *Rhus* was measured for the next 60 years until Barkley (1942, 1943, 1950, 1965) criticized the traditional concept of the genus. Engler's use of section *Gerontogae* was actually illegitimate as it was predated by section *Thezera* of De Candolle (1825).

The name *Searsia* first appeared in a footnote to a key to the genera of the Anacardiaceae where Barkley (1942) stated '*Searsia* n.gen. = (*Rhus*) Section *Gerontogae*. Named after Paul B. Sears'. Sears (1891–1990), who was to become a renowned stratigraphic palaeontologist, ecologist and head of the Yale School of Botany, was one of a number of botanists thanked by Barkley for encouragement and assistance during the early part of his Ph.D. studies on American *Rhus* species (Barkley 1937).

The above publication, however, was illegitimate as there was no description of the genus and this was corrected the following year when *Searsia* appeared as genus six in *Flora of Texas*, with a full description and including the cultivated *Searsia lancea* (L.f.) F.A.Barkley, a South African species (Barkley 1943). In that publication, Barkley also made the new combination of *S. tomentosa* (L.) F.A.Barkley and designated this species as the type species.

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Eight further combinations in *Searsia* were made by Barkley in 1950, and eleven more in a 1965 Iraq publication. In this latter paper, titled 'A criticism of the traditional concept of the genus *Rhus*', Barkley recognized ten genera in the *Rhus* complex and in place of *Searsia tomentosa*, designated *Searsia pentaphylla* (Jacq.) F.A.Barkley as the type of the genus. In separating the genera of the *Rhus* complex, he chose not to follow Brizicky, who two years previously, in a paper on the generic limits of *Rhus*, preferred to retain the name *Rhus* at genus level and recognized six subgenera, one of which was subgen. *Thezera* (DC.) K.Koch and which included Engler's *Gerontogae* (Brizicky 1963).

Despite Barkley's criticism, the name *Rhus* has been maintained in all the various African regional floras published subsequently, as well as in the few new species, the latest being *Rhus pygmaea* Moffett (Moffett 1999) and *Rhus gallagheri* Ghaz., (Ghazanfur 2002).

#### CONFIRMATION OF THE STATUS OF *SEARSIA*

Recent research in the USA on the generic status of *Rhus* has provided conclusive evidence that the 'Old World' species of *Rhus* are sufficiently different to warrant generic status of their own, thus vindicating Barkley. Miller *et al.* (2001) examined the sequences of the internal transcribed spacer region (ITS) of the nuclear ribosomal DNA of six genera in the *Rhus sensu lato* complex in order to determine the monophyly of *Rhus sensu stricto* and to provide insight into the phylogenetic and biogeographical history of the genus. Two species from the Old World, viz. *Searsia ciliata* and *S. quartiniana*, both ex hort., were included. As outgroups in their analysis, *Pistacia vera* and *Schinus molle* were used. The results showed that *Rhus sensu stricto* is monophyletic and that the other genera, *Actinocheita* F.A.Barkley, *Cotinus*, *Malosma* (Nutt.) Raff., *Searsia* and *Toxicodendron* were distinct from *Rhus sensu stricto*, but the relationships between these other genera were not well resolved. Interestingly *Schinus* L., *Searsia* and *Toxicodendron* formed a clade (bootstrap value of 91%). The authors suggested that the use of additional characters such as chloroplast genes, should help to resolve the intergeneric relationships.

This suggestion was followed by Yi *et al.* (2004), who carried out a phylogenetic analysis of the *Rhus* complex using ITS of nuclear ribosomal DNA and chloroplast (*ndhF* and *trnL-F*). Among the species included, but not used in the Miller *et al.* (2001) study, were the southern African *Searsia lancea*, *S. leptodictya*, *S. pyroides* and *S. undulata*, all ex hort. The phylogenetic analysis of the ITS, the chloroplast and the combined ITS and chloroplast datasets confirmed the monophyly of *Rhus sensu stricto* Barkley (1937) and that *Searsia* from Africa was monophyletic and distinct from the *Rhus* clade. The ITS data also showed that *Searsia lancea*, *S. leptodictya* and *S. undulata* formed a clade, which was sister to the clade composed of *S. ciliata*, *S. pyroides* and *S. quartiniana*. A chronogram indicating diversion times compiled by these authors based on the maximum likelihood tree of the combined ITS and cpDNA data showed that *Searsia undulata* diverged 55 Ma, *Rhus* 49 Ma and *R. coriaria* 24 Ma.

#### *SEARSIA* F.A.BARKLEY: SPECIES AND TYPES

Barkley's original designation of *Searsia tomentosa* as the type species of the genus (Barkley 1943), and subsequent replacement by *S. pentaphylla* (Barkley 1965) requires some explanation, and I am indebted to Prof. John McNeill of Ontario and Edinburgh for clarifying the issue.

Article 7.4 of the Code states 'A new name formed from a previously published legitimate name (stat. nov., comb. nov.) is, in all circumstances, typified by the type of the basionym, even though it may have been applied erroneously to a taxon now considered not to include the type'. As Barkley, 1943, cited *Rhus* sect. *Gerontogae* Engl. (1881) as a synonym of his new genus, his designation of *S. tomentosa* as the type was superfluous, as the type of *Searsia* is the type of sect. *Gerontogae*. Section *Gerontogae* is, however, illegitimate as Engler acknowledged in his publication that it was based on the earlier sect. *Thezera* DC. (1825). As Engler did not indicate a type for sect. *Gerontogae*, according to Art. 7.5, *Searsia* is automatically typified by the type of sect. *Thezera*. Neither De Candolle nor Koch (1853), who treated *Thezera* as a subgenus, designated types and it was left to Brizicky (1963) to choose a lectotype, viz. *Rhus pentaphylla* (Jacq.) Desf., which explains why Barkley accepted this in 1965. Despite this, ING (2006), however, still cites *R. tomentosa* L. as the type of *Searsia*.

The following list is based on research undertaken on the taxonomy of all the Old World *Rhus* species when revising *Rhus* in southern Africa between 1976 and 1992 (Moffett 1993), and on the relevant literature since then. The few differences between this list and that of the accepted names for sub-Saharan Africa (Klopper *et al.* 2006) are intentional. Based on the notes made when the author visited many European herbaria in 1982 and correspondence with respected taxonomists, types have been designated for those taxa as yet untypified.

*Searsia* F.A.Barkley in Flora of Texas 3: 104 (1943).

*Rhus* subgen. *Thezera* (DC.) K.Koch., Hortus dendrologicus: 197 (1853); *Rhus* sect. *Thezera* DC. (1825); *Rhus* sect. *Gerontogae* Engl. 379: (1881) nom. illeg.

Type: *Searsia pentaphylla* (Jacq.) F.A.Barkley: 57 (1965). Basionym *Rhus pentaphylla* (Jacq.) Desf. lecto., designated by Brizicky: 63 (1963); *Rhamnus pentaphylla* Jacq.: 27 (1767); *Rhamnus Siculus pentaphyllos* Boccone: 43, t. 21, (1674).

*Searsia acocksii* (Moffett) Moffett, comb. nov.

*Rhus acocksii* Moffett in South African Journal of Botany 54: 172 (1988). Type: Eastern Cape, Lusikisiki District, southern edge of Msikaba Gorge, *Acocks 13250* (PRE, holo.).

South Africa.

*Searsia acuminatissima* (R.Fern. & A.Fern.) Moffett, comb. nov.

*Rhus acuminatissima* R.Fern. & A.Fern. in Boletim Sociedade Brotariana, sér. 2, 38: 183 (1965b). Type: Malawi, Mulanje Mtn, Likabula, *Clements 121* (FHO, holo.).

Malawi, Mozambique.

**Searsia albida** (*Schousb.*) *Moffett*, comb. nov.

*Rhus albida* Schousb., *Iagttagelser Vextriget i Marokko*: 142 (1800). Type: Morocco [Morocco], *Schousboe s.n.* (C!, lecto., here designated). Algeria, Libya, Morocco.

**Searsia albomarginata** (*Sond.*) *Moffett*, comb. nov.

*Rhus albomarginata* Sond. in *Flora capensis* 1: 519 (1860). Type: Eastern Cape, Slaaykraal, *Burke s.n.* [K!, lecto., designated by Moffett: 88 (1993)].

South Africa.

**Searsia anchietae** (*Fiçalho & Hiern ex Hiern*) *Moffett*, comb. nov., forma **anchietae**

*Rhus anchietae* Fiçalho & Hiern ex Hiern, *Catalogue of Welwitsch's African plants* 1,1: 184 (1896). Type: Angola, Huilla, Monhino, *Welwitsch 4424* (LISU!, ♂, lecto., here designated).

Angola, Malawi, Tanzania, Uganda, Democratic Republic of the Congo, Zambia.

**Searsia anchietae** (*Fiçalho & Hiern ex Hiern*) *Moffett* forma **mendonçae** (*Meikle*) *Moffett*, comb. nov.

*Rhus anchietae* Fiçalho & Hiern ex Hiern forma *mendonçae* (Meikle) R.Fern. in *Garcia de Orta* (Lisboa) 14,3: 360 (1966). *R. mendonçae* Meikle: 284 (1952). Type: Angola, Benguela, Rio Quito, prox. de Quipeio, *Exell & Mendonça 1877* (COI, holo!).

Angola.

**Searsia anchietae** (*Fiçalho & Hiern ex Hiern*) *Moffett* forma **suffruticosa** (*Meikle*) *Moffett*, comb. nov.

*Rhus anchietae* Fiçalho & Hiern ex Hiern forma *suffruticosa* (Meikle) R.Fern. in *Garcia de Orta* 14,3: 362 (1966). *R. suffruticosa* Meikle: 287 (1952). Type: Zambia, Mwinilunga District, near Dobeka Bridge, *Milne-Redhead 3609* (K, holo!).

Angola, Democratic Republic of the Congo (DRC), Zambia.

**Searsia angolensis** (*Engl.*) *Moffett*, comb. nov., forma **angolensis**

*Rhus angolensis* Engl. in *Monographiae phanerogamarum* 4: 448 (1883). Type: Angola, Huilla, Catumba, Lopolo, *Welwitsch 4429* [G-DC (Mon. Phan.), holo.].

Angola.

**Searsia angolensis** (*Engl.*) *Moffett* forma **glabrescens** (*R.Fern.*) *Moffett*, comb. nov.

*Rhus angolensis* Engl. forma *glabrescens* R.Fern. in *Garcia de Orta* (Lisboa) 14,3: 366 (1966). Type: Angola, Cuanza Sul, Cela, *Barbosa & R. Correia 8873* (LISC, holo!).

Angola.

**Searsia angustifolia** (*L.*) *F.A.Barkley* in *Monographs of the Biological Society of Iraq* 3: 54 (1965).

*Rhus angustifolia* L.: 267 (1753). Type: Ethiopia (Africa), *Herb. LINN 378.21* [LINN!, lecto., designated by Moffett: 100 (1993)].

South Africa.

**Searsia arenaria** (*Engl.*) *Moffett*, comb. nov.

*Rhus arenaria* Engl. in *Botanische Jahrbücher* 32: 132 (1903). Type: Angola, Huilla, alongside Nene River, *Dekindt 685* [P!, ♂, neo., designated by R.Fern.: 363 (1966)].

Angola.

**Searsia aucheri** (*Boiss.*) *Moffett*, comb. nov.

*Rhus aucheri* Boiss., *Diagnoses plantarum orientalium novarum* 2: 5 (1843). Type: Mascate [Muscat & Oman], *Aucher-Eloy 4324* [G (Herb. Boiss.), lecto., here designated].

Arabia (Sultanate of Oman).

**Searsia batophylla** (*Codd*) *Moffett*, comb. nov.

*Rhus batophylla* Codd in *Bothalia* 6: 539 (1956). Type: Eastern Transvaal [Mpumalanga], Steelpoort, Mooihoek Chrome Mine, *Codd & Dyer 7699* (PRE, holo!).

South Africa.

**Searsia blanda** (*Meikle*) *Moffett*, comb. nov., forma **blanda**

*Rhus blanda* Meikle in *Boletim Sociedade Broteriana*, sér. 2, 26: 286 (1952). Type: Angola, Benguela, Nova Lisboa and Teixeira da Silva, *Exell & Mendonça 1822* (COI, holo!).

Angola.

**Searsia blanda** (*Meikle*) *Moffett* forma **exelliana** (*Meikle*) *Moffett*, comb. nov.

*Rhus blanda* Meikle forma *exelliana* (Meikle) R.Fern. in *Garcia de Orta* 14,3: 371 (1966). *R. exelliana* Meikle: 102 (1954). Type: Angola, Bié, Rio Cubango, Vila da Ponte, *Gossweiler 3648* (BM, holo!).

Angola.

**Searsia bolusii** (*Sond. ex Engl.*) *Moffett*, comb. nov.

*Rhus bolusii* Sond. ex Engl. in *Monographiae phanerogamarum* 4: 436 (1883). Type: Eastern Cape, Graaff-Reinet, Cave Mountain, *Bolus 737* (S, holo!).

South Africa.

**Searsia brenanii** (*Kokwaro*) *Moffett*, comb. nov.

*Rhus brenanii* Kokwaro in *Kew Bulletin* 34: 754 (1980). Type: Tanzania, Rungwe District, Siwago, Pangundutani, *Brenan & Greenway 8202* (EA, holo.).

Tanzania.

**Searsia burchellii** (*Sond. ex Engl.*) *Moffett*, comb. nov.

*Rhus burchellii* Sond. ex Engl. in *Monographiae phanerogamarum* 4: 412 (1883). Type: Northern Cape, confluence of Vaal and Orange Rivers, *Burchell 1722* (K, holo!).

Lesotho, Namibia, South Africa.

**Searsia carnosula** (*Schönland*) *Moffett*, comb. nov.

*Rhus carnosula* Schönland in *Bothalia* 3: 41 (1930). Type: Eastern Cape, Gekau, *Drège 5569β* [P!, lecto., designated by Moffett: 33 (1993)].

South Africa.

**Searsia chirindensis** (*Baker f.*) *Moffett*, comb. nov.

*Rhus chirindensis* Baker f. in *Botanical Journal of the Linnean Society* 40: 49 (1911). Type: Zimbabwe, near Chirinda, *Swymerton 168* (BM, holo!).

Mozambique, South Africa, Swaziland, Zimbabwe.

**Searsia ciliata** (*Licht. ex Schult.*) *A.J.Mill.* in *A.J. Mill et al. in International Journal of Plant Sciences* 162: 1403 (2001).

*Rhus ciliata* Licht. ex Schult. in L.: 661 (1820). Type: Northern Cape, Grootte Rivier Poort, *Liechtenstein in Herb. Willd. 6016* [B (WILLD.), holo.].

Botswana, Namibia, South Africa.

**Searsia crenata** (*Thunb.*) *Moffett*, comb. nov.

*Rhus crenata* Thunb. in *Phytographische Blätter*: 28 (1803). Type: Cape of Good Hope, *Thunberg in Herb. Thunberg 7321* [UPS!, *Rhus crenatum* a., lecto., designated by Moffett: 75 (1993)].

South Africa.

**Searsia crenulata** (*A.Rich.*) *Moffett*, comb. nov.

*Rhus crenulata* A.Rich., *Tentamen Florae Abyssinica* 4: 142 (1847). Type: Ethiopia, Tchéléukote, *Petit ex Herb. Rich.* (P!, lecto., *R. crenulata nob.*, here designated).

Ethiopia.

**Searsia cuneifolia** (*L.f.*) *F.A.Barkley* in *Monographs of the Biological Society of Iraq* 3: 54 (1965).

*Rhus cuneifolia* L.f.: 183 (1781). Type: Cape of Good Hope, *Thunberg in Herb. Thunberg 7323* [UPS!, lecto., designated by Moffett: 92 (1993)].

South Africa.

**Searsia dentata** (Thunb.) F.A.Barkley in Monographs of the Biological Society of Iraq 3: 54 (1965).

*Rhus dentata* Thunb.: 52 (1794). Type: Cape of Good Hope, *Thunberg in Herb. Thunberg 7325* [UPS!, lecto., designated by R.Fern.: 124 (1967)].

Lesotho, Mozambique, South Africa, Swaziland, Zimbabwe.

**Searsia discolor** (E.Mey. ex Sond.) Moffett, comb. nov.

*Rhus discolor* E.Mey. ex Sond. in Flora capensis 1: 507 (1860). Type: Eastern Cape, Katberg, *Drège 3449* [S!, lecto., designated by Moffett: 52 (1993)].

Lesotho, South Africa, Swaziland.

**Searsia dissecta** (Thunb.) Moffett, comb. nov.

*Rhus dissecta* Thunb. in Phytographische Blätter 29 (1803). Type: Cape of Good Hope. *Masson in Herb. Thunberg 7330* (UPS, holo!).

South Africa.

**Searsia divaricata** (Eckl. & Zeyh.) Moffett, comb. nov.

*Rhus divaricata* Eckl. & Zeyh., Enumeratio plantarum Africae australis extratropicae 1: 146 (1836). Eastern Cape, Tambukiland, Klipplaatrivier, *Ecklon & Zeyher 1106* [S!, lecto., designated by Moffett: 53 (1993)].

Lesotho, South Africa.

**Searsia dracomontana** (Moffett) Moffett, comb. nov.

*Rhus dracomontana* Moffett in Flora of southern Africa 19,3: 41 (1993). Type: Natal [KwaZulu-Natal], Van Reenen, *Schlechter 6754* (BOL, holo!).

South Africa.

**Searsia dregeana** (Sond.) Moffett, comb. nov.

*Rhus dregeana* Sond. in Flora capensis 1: 516 (1860). Type: Eastern Cape, Stormberg, Mooiplaats, *Drège s.n.* [S!, lecto., designated by Moffett: 65 (1993)].

Lesotho, South Africa.

**Searsia dumetorum** (Exell) Moffett, comb. nov.

*Rhus dumetorum* Exell in Journal of Botany 66, Supplementum Polypetalum: 93 (1928). Type: Angola, Bié, Cassuango, Cuiriri, *Gossweiler 3692* (BM, holo!).

Angola.

**Searsia engleri** (Britten) Moffett, comb. nov.

*Rhus engleri* Britten in Journal of Botany 38: 316 (1900). Type: Transvaal [Limpopo], Klippan, *Rehmann 5325* [Z!, lecto., designated by Moffett: 61 (1993)].

South Africa.

**Searsia erosa** (Thunb.) Moffett, comb. nov.

*Rhus erosa* Thunb., Flora capensis 2: 212 (1818). Type: Cape of Good Hope, *Sparrman ? in Herb. Thunberg 7333* [UPS!, lecto., designated by Moffett: 69 (1993)].

Lesotho, South Africa.

**Searsia fanshawei** (R.Fern. & A.Fern.) Moffett, comb. nov.

*Rhus fanshawei* R.Fern. & A.Fern. in Boletim Sociedade Brotariana, sér. 2, 38: 185 (1965b). Type: Zambia, Nkloemfumu, *Fanshawe 4767* (K, holo!).

Zambia.

**Searsia fastigata** (Eckl. & Zeyh.) Moffett, comb. nov.

*Rhus fastigata* Eckl. & Zeyh., Enumeratio plantarum Africae australis extratropicae 2: 146 (1836). Type: Eastern Cape, Albany and Uitenhage, *Ecklon & Zeyher 1107* [S!, lecto., designated by Moffett: 51 (1993)].

South Africa.

**Searsia flexicaulis** (Baker) Moffett, comb. nov.

*Rhus flexicaulis* Baker in Kew Bulletin 108: 316 (1895). Type: southern Arabia, Hadhramaut, *Hirsch 153* (K, holo!).

Arabia, Egypt, Sudan, Yemen.

**Searsia gallagheri** (Ghaz.) Moffett, comb. nov.

*Rhus gallagheri* Ghaz. in Kew Bulletin 57: 492 (2002). Type: Sultanate of Oman, Dhofar, hills above Sharbitat, *Hughes & Gallagher 7895/2* (K, holo.).

Arabia (Sultanate of Oman).

**Searsia gerrardii** (Harv. ex Engl.) Moffett, comb. nov.

*Rhus gerrardii* (Harv. ex Engl.) Diels in Botanische Jahrbücher 24: 588 (1898). *R. viminalis* Vahl var. *gerrardii* Harv. ex Engl.: 442 (1883). Type: Natal [KwaZulu-Natal], *Gerrard & McKen 1396* [K!, lecto., designated by R.Fern.: 131 (1967)].

South Africa, Swaziland.

**Searsia glauca** (Thunb.) Moffett, comb. nov.

*Rhus glauca* Thunb. in Phytographische Blätter: 27 (1803). Type: Cape of Good Hope. *Thunberg in Herb. Thunberg 7339* [UPS!, lecto., designated by Moffett: 82 (1993)].

South Africa.

**Searsia glaucescens** (A.Rich.) Moffett, comb. nov.

*Rhus glaucescens* A.Rich., Tentamen Florae Abyssinica 1: 143 (1847). Type: Ethiopia, Crescit in provincie Choa, *A. Petit* (P, holo.).

Ethiopia, West, Central and East Africa.

**Searsia glutinosa** (Hochst. ex A.Rich.) Moffett subsp. **abyssinica** (Oliv.) Moffett, comb. nov.

*Rhus abyssinica* Oliv. in Flora of tropical Africa 1: 438 (1868). Type: Ethiopia, Tigray Region, Gennis, near Adowa, *Schimper 259* (K, holo!).

Eritrea, Ethiopia, Sudan.

**Searsia glutinosa** (Hochst. ex A.Rich.) Moffett, comb. nov., subsp. **glutinosa**

*Rhus glutinosa* Hochst. ex A.Rich., Tentamen Florae Abyssinica 1: 144 (1847). Type: Ethiopia, Gunder Region, near Tschenausa, *Schimper II: 851* [P!, lecto., designated by Gilbert: 572 (1986b)].

Ethiopia.

**Searsia glutinosa** (Hochst. ex A.Rich.) Moffett subsp. **neoglutinosa** (M.G.Gilbert) Moffett, comb. nov.

*Rhus neoglutinosa* M.G.Gilbert in Nordic Journal of Botany 6:139 (1986a). Type: Ethiopia, Shewa Region, between Addis Abeba and Ambo, near Menegasha Village, *Jackson 712* (K, holo!).

Ethiopia.

**Searsia gracilipes** (Exell) Moffett, comb. nov.

*Rhus gracilipes* Exell in Journal of Botany 66, Supplementum Polypetalum: 93 (1928). Type: Angola, Benguela, Caconda, prox. de Bissapa, *Gossweiler 4269* (BM, holo!).

Angola.

**Searsia gracillima** (Engl.) Moffett var. **glaberrima** (Schönland) Moffett, comb. nov.

*Rhus gracillima* Engl. var. *glaberrima* Schönland in Bothalia 3: 86 (1930). Type: Eastern Transvaal [Mpumalanga], Witbank District, hills near Wilge River, *Schlechter 3746* (Z, holo!).

South Africa.

**Searsia gracillima** (Engl.) Moffett, comb. nov., var. **gracillima**

*Rhus gracillima* Engl. in Monographiae phanerogamarum 4: 445 (1883). Type: Transvaal [Limpopo], Boshveldt, between Menaar's Farm and Elands River, *Rehmann 4882* [Z!, lecto., designated by Moffett: 113 (1993)].

South Africa.

**Searsia grandidens** (*Harv. ex Engl.*) *Moffett*, comb. nov.

*Rhus grandidens* Harv. ex Engl. in Monographiae phanerogamarum. 4: 440 (1883). Type: Natal [KwaZulu-Natal], *Gerrard & McKen 1399* (K, holo.).

South Africa, Swaziland.

**Searsia grossireticulata** (*Van der Veken*) *Moffett*, comb. nov.

*Rhus grossireticulata* Van der Veken in Bulletin Jardin Botanique État Bruxelles 29: 241 (1959). Type: Democratic Republic of the Congo, Haut-Katanga, Kisenge-Kapolo, *P. Divigneaud 2336* (BRLU, holo.).

Democratic Republic of the Congo.

**Searsia gueinzii** (*Sond.*) *F.A.Barkley* in Lilloa 23: 253 (1950).

*Rhus gueinzii* Sond.: 515 (1860). Type: Natal [KwaZulu-Natal], Port Natal [Durban], *Gueinzii s.n.* [TCD!, lecto., designated by *Moffett*: 76 (1993)].

Mozambique, South Africa, Swaziland, Zimbabwe.

**Searsia harveyi** (*Moffett*) *Moffett*, comb. nov.

*Rhus harveyi* *Moffett* in Flora of southern Africa 19,3: 95 (1993). Type: Natal [KwaZulu-Natal], Zululand, *Gerrard & McKen 1406* (TCD, holo.).

South Africa, Swaziland.

**Searsia horrida** (*Eckl. & Zeyh.*) *Moffett*, comb. nov.

*Rhus horrida* Eckl. & Zeyh., Enumeratio plantarum Africae australis extratropicae 2: 146 (1836). Type: Northern Cape, Namaqualand, Kamiesberg, *Ecklon & Zeyher 1135* [S!, lecto., designated by *Moffett*: 115 (1993)].

South Africa.

**Searsia humpatensis** (*Meikle*) *Moffett*, comb. nov., forma **humpatensis**

*Rhus humpatensis* Meikle in Boletim Sociedade Broteriana, sér. 2, 26: 284 (1952). Type: Angola, Huila, Humpata, *Carriso & Mendonça 609* (COI, holo.).

Angola.

**Searsia humpatensis** (*Meikle*) *Moffett* forma **subglabra** (*R.Fern.*) *Moffett*, comb. nov.

*Rhus humpatensis* Meikle forma *subglabra* R.Fern. in Garcia da Orta (Lisboa) 14,3: 367 (1966). Type: Angola, Sá da Bandeira, Fenda da Tunda-Vala, *R. Santos & Henriques 1143* (LISC, holo.).

Angola.

**Searsia incisa** (*L.f.*) *F.A.Barkley* var. **effusa** (*Presl*) *Moffett*, comb. nov.

*Rhus incisa* L.f. var. *effusa* (Presl) R.Fern. in Boletim Sociedade Broteriana, sér. 2, 42: 128 (1967). Type: Eastern Cape, *Ecklon & Zeyher 1111* (PR, holo.-photo!).

South Africa.

**Searsia incisa** (*L.f.*) *F.A.Barkley* var. **incisa** in Monographs of the Biological Society of Iraq 3: 54 (1965).

*Rhus incisa* L.f.: 183 (1781). Type: Western Cape, near Paardeberg, *Thunberg in Herb. Thunberg 7341* [UPS!, lecto., designated by R.Fern.: 128 (1967)].

South Africa.

**Searsia keetii** (*Schönland*) *Moffett*, comb. nov.

*Rhus keetii* Schönland in Bothalia 3: 87 (1930). Type: Eastern Transvaal [Mpumalanga], Lydenburg District, Klip River, Steelpoort Park, *Keet 1435* (GRA, holo.).

South Africa.

**Searsia kirkii** (*Oliv.*) *Moffett*, comb. nov.

*Rhus kirkii* Oliv. in Flora of tropical Africa 1: 439 (1868). Type: Zimbabwe, near Victoria Falls, *Kirk s.n.* (K, holo.).

Angola, Democratic Republic of the Congo, Namibia, Zambia, Zimbabwe.

**Searsia krebsiana** (*Presl ex Engl.*) *Moffett*, comb. nov.

*Rhus krebsiana* Presl ex Engl. in Monographiae phanerogamarum 4: 409 (1883). Type: Cape of Good Hope, *Krebs s.n.* [G-DC (Mon. Phan.), holo.].

South Africa.

**Searsia kwangoensis** (*Van der Veken*) *Moffett*, comb. nov.

*Rhus kwangoensis* (Van der Veken) Kokwaro in Kew Bulletin 34: 753 (1980). *R. kirkii* Oliv. var. *kwangoensis* Van der Veken: 242 (1959). Type: Democratic Republic of the Congo, Lukuni, *Callens 3015* (BR, holo.).

Democratic Republic of the Congo, Uganda.

**Searsia kwazuluana** (*Moffett*) *Moffett*, comb. nov.

*Rhus kwazuluana* *Moffett* in Flora of southern Africa 19,3: 71 (1993). Type: Natal [KwaZulu-Natal], St Lucia, Mbombini, *MacDevette 353* (PRE, holo.).

South Africa.

**Searsia laevigata** (*L.*) *F.A.Barkley* var. **laevigata** forma **cangoana** (*Moffett*) *Moffett*, comb. nov.

*Rhus laevigata* L. forma *cangoana* *Moffett* in Flora of southern Africa 19,3: 38 (1993). Type: Western Cape, Oudtshoorn District, Boomplaas, *Moffett 118* (PRE, holo.).

South Africa.

**Searsia laevigata** (*L.*) *F.A.Barkley* var. **laevigata** forma **laevigata** in Monographs of the Biological Society of Iraq 3: 54 (1965).

*Rhus laevigata* L.: 1672 (1763). Type: Cape of Good Hope, *Herb. LINN 378-23* [LINN!, lecto., designated by R.Fern.: 129 (1967)].

South Africa.

**Searsia laevigata** (*L.*) *F.A.Barkley* var. **villosa** (*L.f.*) *Moffett*, comb. nov.

*Rhus laevigata* L. var. *villosa* (L.f.) R.Fern. in Boletim Sociedade Broteriana, sér. 2, 42: 130 (1967). Type: Cape of Good Hope, *Herb. LINN 378.26* [LINN!, lecto., designated by Schönland: 17 (1930)].

South Africa.

**Searsia lancea** (*L.f.*) *F.A.Barkley* in Flora of Texas 3: 104 (1943).

*Rhus lancea* L.f.: 184 (1781). Type: Cape of Good Hope, *Thunberg in Herb. Thunberg 7348β* [UPS!, lecto., designated by *Moffett*: 24 (1984)].

Botswana, Lesotho, Namibia, South Africa, Zimbabwe.

**Searsia leptodictya** (*Diels*) *T.S.Yi, A.J.Mill. & J.Wen* forma **leptodictya** in Molecular Phylogenetics & Evolution 33: 861 (2004).

*Rhus leptodictya* Diels: 86 (1907). Type: Transvaal [Gauteng], Pretoria, *Reck 13* [GRA!, neo., designated by R.Fern. & A.Fern.: 699 (1965a)].

Angola, Mozambique, Namibia, South Africa, Swaziland, Zimbabwe.

**Searsia leptodictya** (*Diels*) *T.S.Yi, A.J.Mill. & J.Wen* forma **pilosa** (*R.Fern. & A.Fern.*) *Moffett*, comb. nov.

*Rhus leptodictya* Diels forma *pilosa* R.Fern. & A.Fern.: 187 (1965b). Type: Zimbabwe, Ndanga, *Armitage 104/55* (SRGH, holo.).

Malawi, Zimbabwe.

**Searsia longipes** (Engl.) Moffett var. **elgonensis** (Kokwaro) Moffett, comb. nov.

*Rhus longipes* Engl. var. *elgonensis* Kokwaro in Kew Bulletin 34: 754 (1980). Type: Kenya, Mt Elgon, T.H.E. Jackson 312a (EA, holo.).

Kenya, Uganda.

**Searsia longipes** (Engl.) Moffett, comb. nov., var. **longipes**

*Rhus longipes* Engl. in Monographiae phanerogamarum 4: 431 (1883). Type: Angola, Cuanze Norte, Carengwe, Queta, Welwitsch 4413 [G-DC (Mon. Phan.), holo.].

From Sierra Leone in the west to Ethiopia in the east and as far south as Angola and Zimbabwe.

**Searsia longipes** (Engl.) Moffett var. **schinoides** (R. Fern.) Moffett, comb. nov.

*Rhus longipes* Engl. var. *schinoides* R.Fern. in Memoire Junta Investigado da Ultramar, sér. 2, 38: 39 (1962). Type: Zambia, 13 km NW of Abercorn, Hutchinson & Gillett 4010 (K, holo.).

Kenya, Tanzania, Zambia.

**Searsia longispina** (Eckl. & Zeyh.) Moffett, comb. nov.

*Rhus longispina* Eckl. & Zeyh., Enumeratio plantarum Africae australis extratropicae 2: 148 (1836). Type: Eastern Cape, Ecklon & Zeyher 1116 p.p. [SAM!, lecto., designated by Moffett: 83 (1993)].

South Africa.

**Searsia lucens** (Hutch.) Moffett, comb. nov.

*Rhus lucens* Hutch., A botanist in southern Africa: 480 (1946). Type: Zimbabwe, near Victoria Falls, Hutchinson & Gillett 3473 (K, holo.).

Botswana, Namibia, Zimbabwe.

**Searsia lucida** (L.) F.A.Barkley forma **elliptica** (Sond.) Moffett, comb. nov.

*Rhus lucida* L. forma *elliptica* (Sond.) Moffett in Flora of southern Africa 19,3: 81 (1993). *R. elliptica* Sond.: 517 (1860). Type: Western Cape, mouth of Onustrivier, Zeyher 2248 [K!, lecto., designated by Moffett: 81 (1993)].

South Africa.

**Searsia lucida** (L.) F.A.Barkley forma **lucida** in Monographs of the Biological Society of Iraq 3:54 (1965).

*Rhus lucida* L.: 267 (1753). Type: Cape of Good Hope, Herb. Cliff. III, 6á(32) [BM!, lecto., designated by Moffett: 79 (1993)].

South Africa, Zimbabwe.

**Searsia lucida** (L.) F.A.Barkley forma **scoparia** (Eckl. & Zeyh.) Moffett, comb. nov.

*Rhus lucida* L. forma *scoparia* (Eckl. & Zeyh.) Moffett in Flora of southern Africa 19,3: 79 (1993). *R. scoparia* Eckl. & Zeyh.: 149 (1836). Type: Eastern Cape, Ecklon & Zeyher 1122 [SAM!, lecto., designated by Moffett: 79 (1993)].

South Africa.

**Searsia magalismsontana** (Sond.) Moffett subsp. **coddii** (R.Fern. & A. Fern.) Moffett, comb. nov.

*Rhus magalismsontana* Sond. subsp. *coddii* (R.Fern. & A.Fern.) Moffett in Flora of southern Africa 19,3: 57 (1993). *R. coddii* R.Fern. & A.Fern.: 251 (1965c). Type: Northern Transvaal [Limpopo], Venda, Sambandou, Codd 6902 (PRE, holo.).

South Africa.

**Searsia magalismsontana** (Sond.) Moffett, comb. nov., subsp. **magalismsontana**

*Rhus magalismsontana* Sond. in Flora capensis 1: 510 (1860). Type: Transvaal [Gauteng], Magaliesberg, Crocodile River, Zeyher 341 (S, holo.).

Botswana, South Africa.

**Searsia magalismsontana** (Sond.) Moffett subsp. **trifoliolata** (Baker f.) Moffett, comb. nov.

*Rhus magalismsontana* Sond. subsp. *trifoliolata* (Baker f.) Moffett in Flora of southern Africa 19,3: 59 (1993). *R. trifoliolata* Baker f.: 429 (1899). Type: Zimbabwe, Bulawayo, Rand 66 (BM, holo.).

South Africa, Zimbabwe.

**Searsia maricoana** (Moffett) Moffett, comb. nov.

*Rhus maricoana* Moffett in Flora of southern Africa 19,3: 110 (1993). Type: Transvaal [North-West], Zeerust, Marico chrome mine, Moffett 3566 (PRE, holo.).

South Africa.

**Searsia marlothii** (Engl.) Moffett, comb. nov.

*Rhus marlothii* Engl. in Botanische Jahrbücher 10: 37 (1888). Type: South West Africa [Namibia], Otjimbingue, Marloth 1394 [K!, lecto., designated by Moffett: 61 (1993)].

Namibia.

**Searsia montana** (Diels) Moffett, comb. nov.

*Rhus montana* Diels in Botanische Jahrbücher 40: 86 (1907). Type: Eastern Cape, Transkei, near Engcobo, Bolus 8837 [K!, lecto., designated by R.Fern.: 131 (1967)].

Lesotho, South Africa.

**Searsia monticola** (Meikle) Moffett, comb. nov.

*Rhus monticola* Meikle in Memoirs of the New York Botanical Garden 8: 242 (1953b). Type: Malawi, Mulanje Mtn, Lucheny Plateau, Brass 16656 (K, holo.).

Malawi.

**Searsia mysorensis** (G.Don) Moffett, comb. nov.

*Rhus mysorensis* G.Don. A general system of gardening and botany 2: 74 (1832). Type: India, Herb. Wallich 997 [K (Wallich)!, sheet with 4 elements: a, *Rhus indicum* nob. from the Governor's Garden, Jan. 17, 1804; b, *Rhus mysorensis* ex herbario Heyneano in Horto Botanico Calcutta; b here designated as neo.]\*.

India.

**Searsia natalensis** (Bernh. ex Krauss) F.A.Barkley in Lilloa 23: 253 (1950).

*Rhus natalensis* Bernh. ex Krauss: 349 (1844)\*\*. Type: Durban, forests around Natal Bay, Krauss 395 [TUB!, lecto., designated by Moffett: 75 (1993)].

Mozambique, Réunion, South Africa.

**Searsia nebulosa** (Schönland) Moffett, comb. nov., forma **nebulosa**

*Rhus nebulosa* Schönland in Bothalia 3: 33 (1930). Type: Natal [KwaZulu-Natal], near Durban, Schlechter 2858 [GRA!, lecto., designated by Moffett: 39 (1993)].

Mozambique, Réunion, South Africa.

**Searsia nebulosa** (Schönland) Moffett forma **pubescens** (Moffett) Moffett, comb. nov.

*Rhus nebulosa* Schönland forma *pubescens* Moffett in Flora of southern Africa 19,3: 40 (1993). Type: Eastern Cape, Alexandria Forest, Olifantshoek, Johnson 649 (PRE, holo.).

South Africa.

\* No specimen annotated by G.Don could be found, thus requiring the designation of a neotype. Both a and b on the above sheet are almost identical and any one could have been chosen.

\*\* Bernhardt is sometimes cited as the author of the new names based on Krauss's specimens. In this particular case, however, Krauss himself should be recognized as he used the words 'in specimen meo' when citing *Cissus natalensis* Bernh. olim in sched.

**Searsia nitida** (Engl.) Moffett, comb. nov.

*Rhus nitida* Engl. in Monographiae phanerogamarum 4: 434 (1883). Type: Angola, Cuanza Norte, entre Mutoto e Candumba, Pungo Andongo, *Welwitsch 4417* [G-DC (Mon. Phan.), holo.!).

Angola.

**Searsia obtusata** (Engl.) Moffett, comb. nov.

*Rhus obtusata* (Engl.) Meikle in Boletim Sociedade Broteriana, sér. 2, 26: 287 (1952). *R. villosa* L.f. var. *obtusata* Engl.: 425 (1883). Type: Angola, Moçamedes, Base da Serra da Chela, *Welwitsch 4419* [G-DC (Mon. Phan.), holo.!).

Angola.

**Searsia ochracea** (Meikle) Moffett, comb. nov., var. **ochracea**

*Rhus ochracea* Meikle in Kew Bulletin 8: 107 (1953a). Type: Malawi, Fort Hill, *Whyte s.n.* (K, holo.!).

Malawi, Tanzania, Zambia.

**Searsia ochracea** (Meikle) Moffett var. **saxicola** (R.Fern. & A.Fern.) Moffett, comb. nov.

*Rhus ochracea* Meikle var. *saxicola* R.Fern. & A.Fern. in Boletim Sociedade Broteriana, sér. 2, 38: 189 (1965b). Type: Zambia, Mpika, Muchinga Escarpment, *Angus 865* (K, holo.!).

Zambia.

**Searsia pallens** (Eckl. & Zeyh.) Moffett, comb. nov.

*Rhus pallens* Eckl. & Zeyh., Enumeratio plantarum africanae australis extratropicae 2: 147 (1836). Type: Eastern Cape, Uitenhage, *Ecklon & Zeyher 1114* [SAM!, lecto., designated by Moffett: 85 (1993)].

Lesotho, South Africa.

**Searsia paniculata** (Wall. ex G.Don) Moffett, comb. nov.

*Rhus paniculata* Wall. ex G.Don, A general system of gardening and botany 2: 73 (1832). Type: Burma [Myanmar], Yenanghuen, *Herb. Wallich 993* [K (Wallich)!], sheet with two elements: right hand element, ♂, Sept. 1826, neo., here designated]\*.

Bhutan, China, India, Myanmar.

**Searsia parviflora** (Roxb.) F.A.Barkley in Lilloa 23: 253 (1950).

*Rhus parviflora* Roxb.: 100 (1832). Type: Nepal & Hort. Calcutta, *Roxburgh* (BM!), sheet marked *Rhus parviflorum* Roxb., Patria Nepaul, *HB1815*, lecto., here designated].

India, Nepal.

**Searsia pendulina** (Jacq.) Moffett, comb. nov.

*Rhus pendulina* Jacq., Plantarum rariorum horti caesarei schoenbrunnensis 4: 24, t. 449 (1804). Type: ex hort Schönbrunn, *Jacquin s.n.* [M!, lecto., designated by Moffett: 91 (1993)].

Namibia, South Africa.

**Searsia pentaphylla** (Jacq.) F.A.Barkley in Monographs of the Biological Society of Iraq 3:57 (1965).

*Rhamnus pentaphylla* Jacq.: 27 (1767), (*Rhamnus Siculus pentaphyllos* Boccone: 43, t. 21, 1674). Type: Sicily, *Boccone s.n. ex Dr Jacquin* (BM!), sheet 92, lecto., here designated).

Algeria, Israel, Morocco, Palestine, Sicily.

**Searsia pantheri** (Zahlbr.) Moffett, comb. nov.

*Rhus pantheri* Zahlbr. in Annalen des Naturhistorischen Museums in Wien 15,1: 52 (1900). Type: Natal [KwaZulu-Natal], Colossa, *Krook sub. Panther 2290* (W, holo.!).

Mozambique, South Africa, Swaziland.

**Searsia pondoensis** (Schönland) Moffett, comb. nov.

*Rhus pondoensis* Schönland in Bothalia 3: 95 (1930). Type: Natal [KwaZulu-Natal], near Murchison, *J. Medley Wood 3002* (SAM, holo.!).

South Africa, Swaziland.

**Searsia populifolia** (E.Mey. ex Sond.) Moffett, comb. nov.

*Rhus populifolia* E.Mey. ex Sond. in Flora capensis 1: 508 (1860). Type: Northern Cape, mouth of the Gariiep [Orange] River, *Drège s.n.* [TCD!, lecto., designated by Moffett: 105 (1993)].

Namibia, South Africa.

**Searsia problematodes** (Merxm. & Rössl.) Moffett, comb. nov.

*Rhus problematodes* Merxm. & Rössl. in Mitteilungen der Botanischen Staatssammlung München 11: 66 (1973). Type: South West Africa [Namibia], near Aus, Plateau/Aar, *Wiss 3001* (M, holo.!).

Namibia.

**Searsia pterota** (Presl) Moffett, comb. nov.

*Rhus pterota* Presl in Botanische Bemerkungen: 44 (1884). Type: Eastern Cape, *Ecklon & Zeyher 1116* (PRC, holo.-photo.!).

South Africa.

**Searsia puccionii** (Chiov.) Moffett, comb. nov.

*Rhus puccionii* Chiov. in Flora Somala 1: 132 (1929). Type: Somalia, coast of Migiurtini, near mouth of Nogal River, *Puccioni & Stéfanini 849* (FT-photo.!, lecto, here designated).

Somalia.

**Searsia pygmaea** (Moffett) Moffett, comb. nov.

*Rhus pygmaea* Moffett in Botanical Journal of the Linnean Society 130: 39 (1999). Type: Mpumalanga, Barberton, near Agnes Mine, *Moffett 4905* (PRE, holo.!).

South Africa.

**Searsia pyroides** (Burch.) Moffett var. **dinteri** (Engl.) Moffett, comb. nov.

*Rhus pyroides* (Burch.) Moffett var. *dinteri* (Engl.) Moffett in Flora of southern Africa 19,3: 43 (1993). *R. dinteri* Engl.: 211 (1921). Type: South West Africa [Namibia], Schaaprivier, *Dinter 1898* [SAM!, lecto., designated by Moffett: 43 (1993)].

Namibia.

**Searsia pyroides** (Burch.) Moffett var. **gracilis** (Engl.) Moffett, comb. nov.

*Rhus villosa* L.f. var. *gracilis* Engl. in Monographiae phanerogamarum 4: 425 (1883). Type: Transvaal [Gauteng], Pretoria, *Rehmann 4742* [Z!, lecto., designated by Moffett: 45 (1993)].

Lesotho, South Africa, Swaziland.

**Searsia pyroides** (Burch.) Moffett var. **integrifolia** (Engl.) Moffett, comb. nov.

*Rhus tridentata* Engl. var. *integrifolia* Engl. in Monographiae phanerogamarum 4: 426 (1883). Type: Natal [KwaZulu-Natal], Inanda, *Rehmann s.n.* [Z!, lecto., designated by Moffett: 45 (1993)].

South Africa, Swaziland.

**Searsia pyroides** (Burch.) Moffett, comb. nov., var. **pyroides\*\***

*Rhus pyroides* Burch. var. *pyroides*, Travels in the interior of southern Africa 1: 344 (1822). Type: Northern Cape, Asbestos Mtns, *Burchell 1796* (K, holo.!).

Ethiopia, Kenya, Lesotho, South Africa, Swaziland, Tanzania, Uganda, Zambia, Zimbabwe.

\* Don cited '(Wall. mss. in herb. Lin. soc.)'. No Wallich specimen was found in LINN, and as no other specimens annotated by him could be traced, a neotype had to be chosen.

\*\* In Central and East Africa this taxon is known as *R. vulgaris* Meikle.

**Searsia quartiniana** (*A.Rich.*) *A.J.Mill.* in *A.J. Mill. et al. in International Journal of Plant Sciences* 162: 1403 (2001).

*Rhus quartiniana* A.Rich.: 141 (1847). Type: Ethiopia, Tigray, Shire, *Quartin-Dillon & Petit s.n.* (P, holo!).

Angola, Democratic Republic of the Congo, Ethiopia, Kenya, Namibia, South Africa, Tanzania, Zambia, Zimbabwe.

**Searsia refracta** (*Eckl. & Zeyh.*) *Moffett*, comb. nov.

*Rhus refracta* Eckl. & Zeyh., *Enumeratio plantarum africanae australis extratropicae* 2: 145 (1836). Type: Eastern Cape, Uitenhage, Zwartkops River, *Ecklon & Zeyher 1103* [S!, lecto., designated by Moffett: 73 (1993)].

South Africa.

**Searsia rehmanniana** (*Engl.*) *Moffett* var. **glabrata** (*Sond.*) *Moffett*, comb. nov.

*Rhus pyroides* Burch. var. *glabrata* Sond. in *Flora capensis* 1: 511 (1860). Type: Natal [KwaZulu-Natal], Oomcomas [Mkomaas], *Drège 5580* [S!, lecto., here designated, replacing the *Drège 6800* in P lecto-type chosen by Moffett: 49 (1993)]\*.

South Africa, Swaziland, Zambia, Zimbabwe.

**Searsia rehmanniana** (*Engl.*) *Moffett*, comb. nov., var. **rehmanniana**

*Rhus rehmanniana* Engl. in *Monographiae phanerogamarum* 4: 422 (1883). Type: Transvaal [Limpopo], Houtbosch, *Rehmann 5560* [Z!, lecto., designated by Moffett: 49 (1993)].

Mozambique, South Africa, Swaziland.

**Searsia retinorrhoea** (*Steud. ex Oliv.*) *Moffett*, comb. nov.

*Rhus retinorrhoea* Steud. ex Oliv. in *Flora of tropical Africa* 1: 438 (1868). Type: Ethiopia, Tigray Region, Dscheladscheranne, *Schimper 111: 1627* (K, holo!).

Ethiopia, Somalia, Sudan, Yemen.

**Searsia rigida** (*Mill.*) *F.A.Barkley* var. **dentata** (*Engl.*) *Moffett*, comb. nov.

*Rhus zeyheri* Sond. var. *dentata* Engl. in *Monographiae phanerogamarum* 4: 433 (1883). Type: Eastern Transvaal [Mpumalanga], Transvaal Drakensberg, Laingsnek, *Rehmann 6942* (Z, holo!).

South Africa.

**Searsia rigida** (*Mill.*) *F.A.Barkley* var. **margaretae** (*Burt Davy ex Moffett*) *Moffett*, comb. nov.

*Rhus rigida* (Mill.) *Moffett* var. *margaretae* Burt Davy ex *Moffett* in *Flora of southern Africa* 19,3: 36 (1993). Type: Transvaal [Gauteng], Elsburg, *Schlechter 3539* (PRE, holo!).

South Africa, Swaziland.

**Searsia rigida** (*Mill.*) *F.A.Barkley* var. **rigida** in *Monographs of the Biological Society of Iraq* 3: 54 (1965).

*Rhus rigida* Mill.: 14 (1768). Type: ex *Herb. Miller* (BM, holo!).

South Africa, Swaziland.

**Searsia rimosa** (*Eckl. & Zeyh.*) *Moffett*, comb. nov.

*Rhus rimosa* Eckl. & Zeyh., *Enumeratio plantarum africanae australis extratropicae* 2: 150 (1836). Type: Western Cape, Clanwilliam, Heerenlogement, *Ecklon & Zeyher 1124* [SAM sheet 2557!, lecto., designated by Moffett: 91 (1993)].

South Africa.

**Searsia rogersii** (*Schönland*) *Moffett*, comb. nov.

*Rhus rogersii* Schönland in *Bothalia* 3: 42 (1930). Type: Eastern Transvaal, [Mpumalanga], Barberton, *Rogers 18270* [GRA!, lecto., designated by Moffett: 35 (1993)].

South Africa, Swaziland.

**Searsia rosmarinifolia** (*Vahl*) *F.A.Barkley* in *Monographs of the Biological Society of Iraq* 3: 53 (1965).

*Rhus rosmarinifolia* Vahl: 50 (1794). Type: Locality unknown, ex *Herb. Hoffman-Bang* e coll. Vahl, *Bulow s.n.* [C!, lecto., designated by Moffett: 99 (1993)].

South Africa.

**Searsia rudatisii** (*Engl.*) *Moffett*, comb. nov.

*Rhus rudatisii* Engl., *Die Pflanzenwelt Afrikas* 3,2: 217 (1921). Type: Natal [KwaZulu-Natal], Alexandra County, Friedenau, Mgai Flats, *Rudatis 698* [K!, lecto., designated by Moffett: 109 (1993)].

South Africa.

**Searsia ruspolii** (*Engl.*) *Moffett*, comb. nov.

*Rhus ruspolii* Engl. in *Annuario Regius Istituto Botanico di Roma* 7: 18 (1897–1898). Type: Ethiopia, Biddume, *Ruspoli & Riva 1317* (FT, holo.).

Democratic Republic of the Congo, Ethiopia, Kenya, Uganda.

**Searsia scytophylla** (*Eckl. & Zeyh.*) *Moffett* var. **dentata** (*Moffett*) *Moffett*, comb. nov.

*Rhus scytophylla* Eckl. & Zeyh. var. *dentata* *Moffett* in *Flora of southern Africa* 19,1: 93. Type: Western Cape, Ceres District, Agterwitsenberg, Modderrivierskloof, *Van Jaarsveld 1538* (NBG, holo!).

South Africa.

**Searsia scytophylla** (*Eckl. & Zeyh.*) *Moffett*, comb. nov., var. **scytophylla**

*Rhus scytophylla* Eckl. & Zeyh., *Enumeratio plantarum Africae australis extratropicae* 2: 150 (1836). Type: Western Cape, between Sir Lowry's Pass and Palmiet River, Grietjiesgat, *Ecklon & Zeyher 1130* [S, sheet 1!, lecto., designated by Moffett: 93 (1993)].

South Africa.

**Searsia sekhukhuniensis** (*Moffett*) *Moffett*, comb. nov.

*Rhus sekhukhuniensis* *Moffett* in *Flora of southern Africa* 19,3: 77 (1993). Type: Eastern Transvaal [Mpumalanga], Lydenburg District, Steelpoort Park Pass, *Moffett 2000* (PRE, holo!).

South Africa.

**Searsia somalensis** (*Engl.*) *Moffett*, comb. nov.

*Rhus somalensis* Engl. in *Abhandlung der Königl. Preussische Akademie für Wissenschaft* 2: 289 (1891–1892). Type: Somalia, near Meid, Serüt Mtns, *Hildebrand 1542* (K!, lecto., here designated).

Ethiopia, Somalia.

**Searsia squalida** (*Meikle*) *Moffett*, comb. nov.

*Rhus squalida* Meikle in *Boletim Sociedade Broteriana*, sêr. 2, 26: 283 (1952). Type: Angola, Calumba, *Welwitsch 4421* (BM, holo!).

Angola, Zambia.

**Searsia stenophylla** (*Eckl. & Zeyh.*) *Moffett*, comb. nov.

*Rhus stenophylla* Eckl. & Zeyh., *Enumeratio plantarum Africae australis extratropicae* 2: 144 (1836). Type: Western Cape, Table Mountain and Hottentotshollandberge, *Ecklon & Zeyher 1094* [S!, lecto., designated by Moffett: 99 (1993)].

South Africa.

**Searsia tenuinervis** (*Engl.*) *Moffett*, comb. nov.

*Rhus tenuinervis* Engl. in *Monographiae phanerogamarum* 4: 423 (1883). Type: Angola, between Benguela and R. Catumbela, *Welwitsch 4418* [G-DC (Mon. Phan.), holo.].

Angola, Botswana, Democratic Republic of the Congo, Ethiopia, Kenya, Malawi, Moçambique, Namibia, South Africa, Sudan, Tanzania, Zambia, Zimbabwe.

\*Although both Drège specimens are the same taxon, a referee pointed out that 5580 is preferable as it has been annotated as *β glabrata* by Sonder.



**Searsia tenuipes** (*R.Fern. & A.Fern.*) *Moffett*, comb. nov.

*Rhus tenuipes* R.Fern. & A.Fern. in Boletim Sociedade Broteriana, sér. 2, 38: 191 (1965b). Type: Zimbabwe, Great Dyke, Mhlaba Hills, Charter, *Wild 5667* (SRGH, holo.).

Mozambique, Zimbabwe.

**Searsia thyrsoflora** (*Balf.f.*) *Moffett*, comb. nov.

*Rhus thyrsoflora* Balf.f. in Proceedings of the Royal Society, Edinburgh 11: 507 (1882). Type: Socotra, *Balfour369* (BM!, lecto., here designated).

Socotra.

**Searsia tomentosa** (*L.*) *F.A.Barkley* in *Flora of Texas* 3: 104 (1943).

*Rhus tomentosa* L.: 266 (1753). Type: Cape of Good Hope, *Herb. LINN 378.20* [LINN, lecto., Wijnyands: 42 (1983)].

South Africa, Zimbabwe.

**Searsia transvaalensis** (*Engl.*) *Moffett*, comb. nov.

*Rhus transvaalensis* Engl. in Monographiae phanerogamarum 4: 440 (1883). Type: Northern Transvaal [Limpopo], Houtbosch, *Rehmann 5559* [Z!, lecto., designated by Moffett: 29 (1993)].

South Africa, Swaziland.

**Searsia tridactyla** (*Burch.*) *Moffett*, comb. nov.

*Rhus tridactyla* Burch., Travels in the interior of southern Africa 1: 340 (1822). Type: Northern Cape, Asbestos Mtns, *Burchell 1667* (K, holo.).

South Africa.

**Searsia tripartita** (*Ucria*) *Moffett*, comb. nov.

*Rhamnus tripartitus* Ucria in Nuovo racc. opusculum autore catalogus plantarum Siciliae 6: 249 (1793), Sicily. [Icono., here designated: left hand figure of plate *Rhamnus polytriphylus*, p. 21 of reprint by Carta (1959) of *Plantae ad Linneanum opus addendae*—Bernadino da Ucria].

Algeria, Egypt, Israel, Jordan, Libya, Morocco, Palestine, Niger, Sicily, Sudan, Syria, Tunisia, Western Sahara.

**Searsia tumulicola** (*S.Moore*) *Moffett* var. **meeuseana** (*R.Fern. & A.Fern.*) *Moffett*, comb. nov., forma **meeuseana**

*Rhus synstylica* R.Fern. & A.Fern. var. *meeuseana* R.Fern. & A.Fern. forma *meeuseana* in Boletim Sociedade Broteriana, sér. 2, 39: 251 (1965c). Type: Northern Transvaal [Limpopo], Venda, Lake Funduzi, *Meeuse 9409* (PRE, holo.).

South Africa.

**Searsia tumulicola** (*S.Moore*) *Moffett* var. **meeuseana** (*R.Fern. & A.Fern.*) *Moffett* forma **pumila** (*Moffett*) *Moffett*, comb. nov.

*Rhus tumulicola* (*S.Moore*) *Moffett* var. *meeuseana* (*R.Fern. & A.Fern.*) *Moffett* forma *pumila* *Moffett* in *Flora of southern Africa* 19,3: 25 (1993). Type: Eastern Transvaal [Mpumalanga], Carolina, *Galpin 12493* (PRE, holo.).

South Africa.

**Searsia tumulicola** (*S.Moore*) *Moffett*, comb. nov., var. **tumulicola**

*Rhus tumulicola* *S.Moore* in *Journal of Botany* 59: 227 (1921). Type: Northern Transvaal [Limpopo], The Downs, *Rogers 22033* (BM, holo.).

South Africa, Zimbabwe.

**Searsia undulata** (*Jacq.*) *T.S.Yi, A.J.Mill. & J.Wen* in *Molecular Phylogenetics and Evolution* 33: 861 (2004).

*Rhus undulata* *Jacq.*: 52 (1798). Type: ex Hort. Schönbrunn, *Jacquin 379* [W!, lecto., designated by R.Fern.: 133 (1967)].

South Africa.

**Searsia volkii** (*Süsseng.*) *Moffett*, comb. nov.

*Rhus volkii* Süsseng. in Mitteilungen der Botanischen Staatssammlung München 1,8: 343 (1953). Type: South Africa [Namibia], Great Namaland, slopes of Tsaris Mtns, *Volk 752* (M, holo.).

Namibia.

**Searsia wellmanii** (*Engl.*) *Moffett*, comb. nov.

*Rhus wellmanii* Engl., Die Pflanzenwelt Afrikas 3,2: 213 (1921). Type: Angola, Benguella District, De Moco, *Gossweiler 12357* (LISC!, neo., designated by R.Fern.: 356 (1966)).

Angola.

**Searsia wildii** (*R.Fern. & A.Fern.*) *Moffett*, comb. nov.

*Rhus wildii* R.Fern. & A.Fern. in Boletim Sociedade Broteriana, sér. 2, 38: 192 (1965b). Type: Zimbabwe, Sopolilo, Mpingi Pass, *Wild 5776* (SRGH, holo.).

Zimbabwe.

**Searsia wilmsii** (*Diels*) *Moffett*, comb. nov.

*Rhus wilmsii* Diels in Botanische Jahrbücher 24: 501 (1898). Type: Eastern Transvaal [Mpumalanga], Lydenburg District, *Wilms 249* [AMD!, lecto., designated by Moffett: 111 (1993)].

South Africa.

**Searsia zeyheri** (*Sond.*) *Moffett*, comb. nov.

*Rhus zeyheri* Sond. in *Flora capensis* 1: 514 (1860). Type: Transvaal [Gauteng], among shrubs at Magalisberg, *Zeyher 345* (S, holo.).

South Africa.

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