

New bryophyte taxon records for tropical countries II

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MUSCI

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Borneo

Atractylocarpus novoguinese (Broth. & Geh.)
Norris & T. Kop.

Sabah, Mt. Kinabalu, *Mary Strong Clemens*.
10741, 15.11.1915 (L) as „*Campylopus metzlerioides* Broth. *nom. nud.*“ The species was known before (mostly as *Atractylocarpus comosus* Dix.) from Sumatra, Celebes, New Guinea, Bhutan and Nepal [JPF].

Cameroun

Bryum arachnoideum C. Müll.
Yaoundé, Betonzaun des 8. Verwaltungsbezirkes im Nkondongo-Stadtteil, auf dünner Erdschicht. *Mossebo* 75 (BONN). [JPF]

Colombia

Fissidens brachypus Mitt. Guainia. On freshwater sponge on palm spine. Pto. Inirida; Cano Boccon, Betania, ca. 3° 40'N, 68° 00'W, ca. 100m, *Churchill et al. 17744-B* (MO). This species is restricted to the Amazon Basin, where it occurs only on freshwater sponges. Previously, the species was known from sites in Brazil and Venezuela [RAP].

Peru

Chenia rhizophylla (Sak.) Zander
Dep. Cuzco, 1 km NW Pass zwischen Orcos und Juliaca an der Straße Cuzco - Puno; Graspuna und Felswände 4400 m. Frahm 823999 det. Sollman (Bonn) [JPF].

HEPATICAE

all records contributed by Jens Eggers

Belize

Leucolejeunea uncioloba (Lindenb.) Evans. Cayo Distr., Mountain Pine Ridge, Rio On, near waterfall, ca.650m, epiphytic on tree trunc in the open, mixed with *L.xanthocarpa*, leg.1996 J.Eggers BEZ 2/35 (herb.Eggers). Distrib.: Southern U.S.A. to northern Argentina; Tansania, South Africa.

Leucolejeunea xanthocarpa (Lehm.& Lindenb.) Evans. Cayo Distr., Mountain Pine Ridge, Rio On, near waterfall, ca.650m, epiphytic on tree trunc in the open, mixed with *L.uncioloba*, leg.1996 J.Eggers BEZ 2/36 (herb.Eggers). Distrib.: Pantropical.

Dominica (Lesser Antilles)

Aphanolejeunea gracilis Jov.-Ast. Middleham Trail near Middleham Waterfall, 650m, epiphyllous in rain forest, leg.1987 J.Eggers DOM 6/15 (herb.Eggers). Genus not mentioned in Fulford 1987. Distrib.: Guadeloupe, Jamaica, Costa Rica, El Salvador, Colombia, Galapagos Isl., French Guyana.

Aphanolejeunea longifolia Jov.-Ast. Trafalgar Falls south of Laudat, 250m, epiphyllous in rain forest, leg.1987 J.Eggers DOM 4/19 (herb.Eggers). Distrib.: Guadeloupe, Costa Rica. (But there is a a Dominica record of 1966 by Schuster „hidden“ in Schuster 1992, p.355)

Cololejeunea cardicarpa (Mont.) Steph. River Douce 5 km east of Roseau, 150m, epiphyllous in riverine forest, leg. 1987 J.Eggers DOM 1/18 (herb.Eggers). Genus not mentioned in Fulford 1987. Distrib.: Widespread in the Americas from U.S.A. to Argentina; Oceania, Australia, New Caledonia, Africa.

Colura rhynchophora Jov.-Ast. Morne Anglais, mountain ridge, 900m, epiphytic, epibryous and epiphyllous in rain forest, leg.1987 J.Eggers DOM 3/35, DOM 3/48, DOM 3/56, DOM 3/62

(herb.Eggers). Distrib.: Guadeloupe, Surinam.

Colura tenuicornis (Evans) Steph. Morne Trois Pitons National Park, Emerald Pool, 350-400m, epiphyllous on fern in rain forest, leg.1987 J.Eggers DOM 8/56 c.per. (herb.Eggers). Distrib.: Pantropical.

Colura tortifolia (Mont.) Steph. Morne Trois Pitons National Park, Emerald Pool, 350-400m, epiphyllous on fern in rain forest, leg.1987 J.Eggers DOM 8/40 (herb.Eggers). Distrib.: Guadeloupe, Martinique, Trinidad, Puerto Rico, Cuba, Belize, Costa Rica, Panama, Colombia, Ecuador, Peru, the Guianas, Brazil.

Indonesia: Irian Jaya (New Guinea)

Aphanolejeunea morobensis Pócs. Arfak Mts. between Inat Beap and Cianbri, 1330m, epiphyllous in rain forest, leg.1995 M.Lenz NG 1/9 c.per., det. J.Eggers; 1580m, epiphyllous in rain forest, leg.1995 M.Lenz NG 1/28, det J.Eggers (herb.Eggers). Distrib.: Papua New Guinea.

Cololejeunea hasskarliana (Lehm.& Lindenb.) Schiffn. Arfak Mts.between Inat Beap and Cianbri,1330m, epiphyllous in rain forest, leg.1995 M.Lenz NG 1/36, det. J.Eggers (herb.Eggers). Distrib.: East African Isl., India to Japan, SE Asia, Papua New Guinea.

Cololejeunea stylilobula Tix. Arfak Mts. between Inat Beap and Cianbri, 1580m, epiphyllous in rain forest, leg.1995 M.Lenz NG 1/25, det. J.Eggers (herb.Eggers). Distrib.: Cambodia, Vietnam.

Indonesia: Bali

Colura leratii (Steph.) Steph. (syn. *C.apiculata* (Schiffn.) Steph.) Central Mts., Bali Hangara Country Club, ca.1200m, epiphyllous at rain forest edge, leg.1995 J.Eggers BALI 1/2 c.per.+andr. (herb.Eggers). Distrib.: Sumatra, Java, Flores, Borneo, New Caledonia.

Leptolejeunea foliicola Steph. Central Mts., Bali Hangara Country Club, ca.1200m, epiphyllous at rain forest edge, leg.1995 J.Eggers BALI 1/4 c.andr. (herb.Eggers). Distrib.: India, Indochina,

Malay Penins., Sumatra, Java, Philippines, Taiwan, Japan (Ryu Kyu).

Leptolejeunea massartiana Schiffn. ex Herz. Central Mts., Bali Hangara Country Club, ca.1200m, epiphyllous at rain forest edge, leg.1995 J.Eggers BALI 1/5 c.andr. (herb.Eggers). Distrib.: Sri Lanka, Cambodia, Malaysia, Java, Sumatra.

Indonesia: Sulawesi (Celebes)

Aphanolejeunea grossepapillosa Horik. Central Prov., Lore Lindu National Park, near Anaso, ca.1950m, epiphyllous in a small ravine in rain forest, leg.1995 J.Eggers CEL 2/87 (herb.Eggers). Distrib.: Taiwan, Malaysia, Papua New Guinea.

Cololejeunea amphibola Thiers. Central Prov., Lore Lindu National Park, near Anaso, ca.1950m, epiphyllous in a small ravine in rain forest, leg.1995 J.Eggers CEL 2/88 (herb.Eggers). Distrib.: Australia.

Cololejeunea triapiculata (Herz.) Tix. Central Prov., Lore Lindu National Park, near Anaso, ca.1700m, epiphyllous in rain forest, leg.1995 J.Eggers CEL 2/85 (herb.Eggers). Distrib.: Sri Lanka, Malaysia, Sumatra, Java, Philippines, Papua New Guinea.

Colura acroloba (Mont.) Jov.-Ast. Central Prov., Lore Lindu National Park, near Anaso, ca.1950m, epiphyllous in a small ravine in rain forest, leg.1995 J.Eggers CEL 2/89 (herb.Eggers). Distrib.: Sri Lanka, Thailand, Philippines, Borneo, Cambodia, Vietnam, Malaysia, Sumatra, Java, Seram, Australia, New Caledonia.

Leptolejeunea foliicola Steph. Central Prov., Lore Lindu National Park, near Anaso, ca.1900m, epiphyllous at rain forest edge, leg.1995 J.Eggers CEL 2/86 c.per. (herb.Eggers). Distrib.: India, Indochina, Malay Penins., Sumatra, Java, Philippines, Taiwan, Japan (Ryu Kyu).

Malaysia (Mainland)

Drepanolejeunea levicornua Steph. Pahang, Ca-

meron Highlands, Brinchang, 1500-1600m, epiphyllous on fern fronds in cloud forest, with *Ephemeropsis tjibodensis*, *Metzgeriopsis pusilla* etc., leg. 1986 J.Eggers MAY 2/255 c.per.+andr. (herb.Eggers). Distrib.: Borneo, Java, Ceram, New Guinea.

Malaysia: Sarawak (Borneo)

Aphanolejeunea proboscoidea (Goeb.) Tix. in Pócs. Matang, 25m, epiphyllous, leg.1986 J.Eggers BOR 4/68 with gemmae (herb.Eggers). Distrib.: Indonesia, Vietnam.

Cololejeunea amphibola Thiers. Matang, 25m, epiphyllous, leg.1986 J.Eggers BOR 4/71 (herb.Eggers). Distrib.: Australia.

Cololejeunea desciscens Steph.: Bako NP, ca.5m, epiphyllous in coastal rain forest, leg.1986 J.Eggers BOR 2/40; Matang, 25m, epiphyllous in rain forest, leg.1986 J.Eggers BOR 4/66 c.per. (herb.Eggers). Distrib.: New Guinea, Thailand, Vietnam, Cambodia, Sri Lanka.

Cololejeunea floccosa var. *vittata* Tix. Matang, 25m, epiphyllous in rain forest, leg.1986 J.Eggers BOR 4/73 c.andr.+gemm. (herb.Eggers). Distrib.: Madagascar, Sri Lanka, Malaysia, New Caledonia, Kalimantan / Borneo.

Cololejeunea setosa Mizut. Bako NP, ca.5m, epiphyllous in coastal rain forest, leg.1986 J.Eggers BOR 2/41; Semengoh, epiphyllous in lowland rain forest, leg.1986 J.Eggers BOR 3/52 c.gemm. (herb.Eggers). Distrib.: Sabah / Borneo.

Cololejeunea stephanii Bened. Bako NP, ca.5m, epiphyllous in coastal rain forest, leg.1986 J.Eggers BOR 2/44 (herb.Eggers). Distrib.: West Malaysia, Sabah / Borneo, Sumatra, Java, Philippines.

Cololejeunea stoniana Tix. Matang, 25m, epiphyllous in rain forest, leg.1986 J.Eggers BOR 4/74 (herb.Eggers). Distrib.: West Malaysia. New for Borneo.

Cololejeunea tridentata Tix. Semengoh, epiphyl-

lous in lowland rain forest, leg.1986 J.Eggers BOR 3/49 (herb.Eggers). Distrib.: West Malaysia.

Colura imperfecta Steph. Matang, 25m, epiphyllous in rain forest, leg.1986 J.Eggers BOR 4/70 with andr. (herb.Eggers). Distrib.: Kalimantan / Borneo, New Guinea, Solomon Isl.

Martinique (Lesser Antilles)

Cyclolejeunea accedens (Gott.) Evans. Rivière Blanche Waterfall, ca.450m, epiphyllous in rain forest, with *C.convexistipa*, leg.1987 J.Eggers MAR 1/15 c.per.+andr. (herb.Eggers). Distrib.: Costa Rica, Dominican Rep., Puerto Rico, Guadeloupe, St.Vincent, Colombia, Venezuela, Guyana, Ecuador, Peru, Bolivia.

Leptolejeunea radicata (Nees ex Mont.) Grolle (syn. *Leptolejeunea obovata* Bischl.). Rivière Blanche Waterfall, ca.450m, epiphyllous in rain forest, leg.1987 J.Eggers MAR 1/9 (herb.Eggers). Distrib.: Widespread in the Neotropics.

Papua New Guinea

Cololejeunea amphibola Thiers. Western Prov., Tabubil, Okma Road, 700m, epiphyllous in rain forest, leg.J.Eggers 1997 PNG 6/122 c.per., Southern Highlands Prov., Tari, between Tari Gap and Ambua Lodge, ca.2500m, epiphyllous in rain forest, leg.J.Eggers 1997 PNG 3/105 (herb.Eggers). Distrib.: Australia.

Cololejeunea balansae (Steph.) Mizut. Western Prov., Kiunga, ca.50m, epiphyllous in rain forest, leg.1997 J.Eggers PNG 6/178 c.per.+andr. (herb.Eggers). Distrib.: Vietnam, Japan.

Cololejeunea setosa Mizut. Western Prov., Kiunga, ca.50m, epiphyllous in rain forest, leg.1997 J.Eggers PNG 6/175 (herb.Eggers). Distrib.: Borneo.

Cololejeunea sinuosa Onraedt. Western Prov., Kiunga, ca.50m, epiphyllous in rain forest, leg.1997 J.Eggers PNG 6/95 (herb.Eggers). Distrib.: Philippines.

Colura denticulata Jov.-Ast. Western Prov., Kiunga, ca.50m, epiphyllous in rain forest, mixed with *C.corynephora*, leg.1997 J.Eggers PNG 6/176 c.per. (herb.Eggers). Distrib.: Java, Borneo.

Schiffneria hyalina Steph. Southern Highlands Prov., near Tari Gap, ca.2500m, on base of tree trunc, leg.1997 J.Eggers PNG 3/45 (herb.Eggers). Distrib.: Widespread in SE-Asia.

Trinidad

Rectolejeunea berteriana (Gott.) Evans. Northern Ridge, Asa Wright Nature Center, ca.300m, epiphyllous in partly secondary rain forest, leg.1993 J.Eggers TRIN 1/13 (herb.Eggers). Distrib.: Widespread in the Americas from Florida to Ecuador and Surinam., Cuba, Puerto Rico, Lesser Antilles.

Venezuela

Cololejeunea manaoensis (Herz) Herz. Edo.Bolívar, S of Las Claritas, W of „Km 88“, ca.300m, epiphyllous in rain forest, leg.1994 J.Eggers VEN 7/29 c.per.+andr.+gemmae (herb.JE, herb.Eggers). Distrib.: Brazil.

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