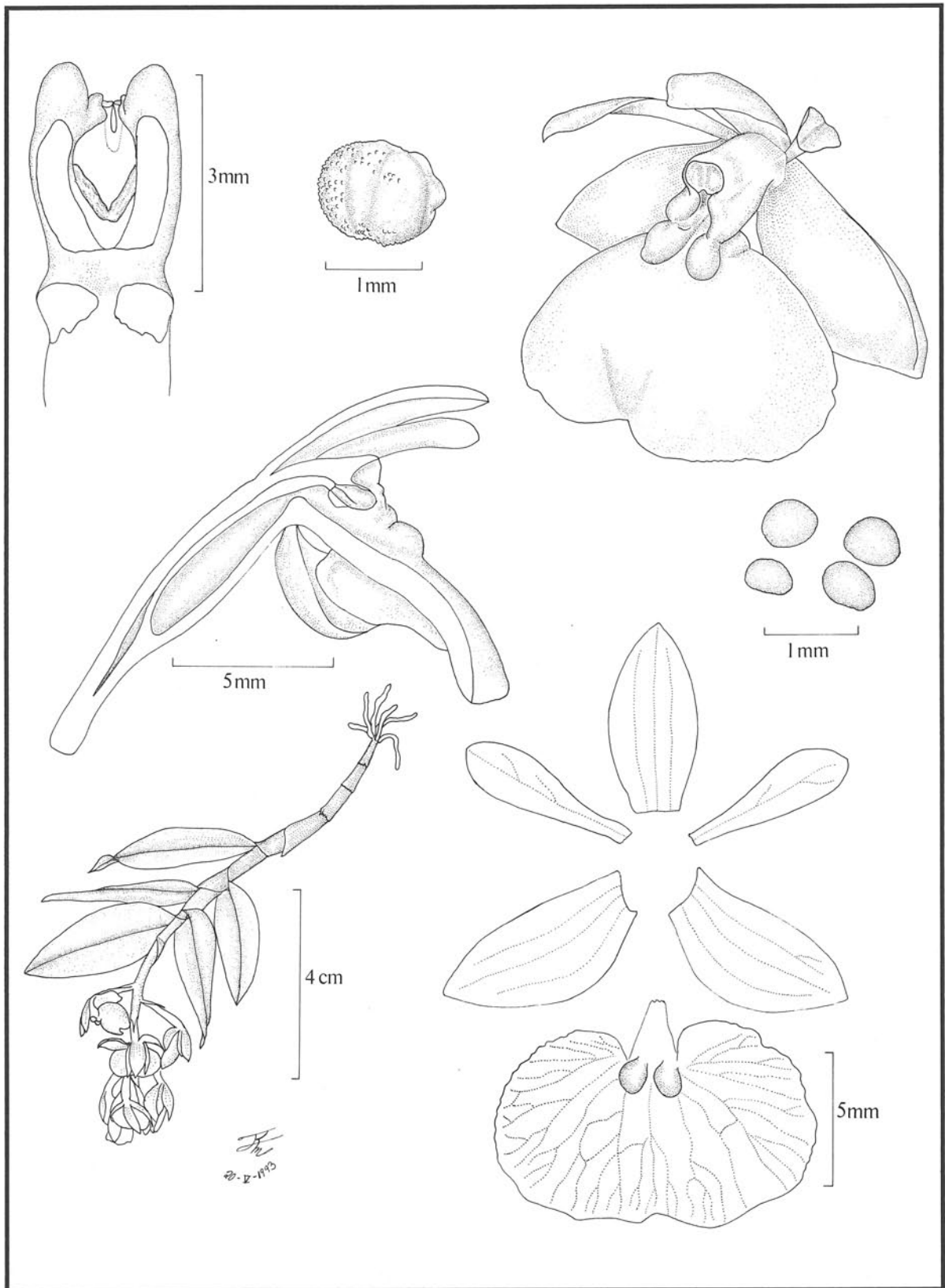




EPIDENDRUM BAKRENSE Hágsater & Cremers
THE GENUS EPIDENDRUM PART 2

EPIDENDRUM BAKRENSE Hágsater et Cremers, sp. nov.

Holotype: FRENCH GUYANA: Monts Bakra, W Pic Coudreau, 560 m, 3°18'N 52°57'W, 14 Apr. 1993, G. Cremers 13065 CAY! (illustration voucher). Isotypes: AMO! (spirit) CAY!

Epidendrum nephroglossum Schltr. simile sed bracteis floralibus ovario minoribus, petalis anguste obovato-spathulatis rotundatis, clinandrio carnoso, antheram tegenti et ovario ventraliter in 2/3 partibus apicalibus manifeste inflato, recedit.

Hierba epífita, escandente, 40 o más cm de alto. **Raíces** basales, carnosas, gruesas, 1.5-3 mm de grosor. **Tallos** sencillos, tipo caña, teretes, rectos, el tallo nuevo se origina de un entrenudo intermedio subapical del tallo anterior, 6-7.5 x 0.2-0.4 cm. **Hojas** 4-6, distribuidas hacia la mitad apical del tallo, subcoriáceas; vaina tubular, estriada, minutamente verrugosa, 0.8-1 cm de largo; lámina articulada, angostamente ovada, aguda, margen entero, lisa, 2.5-4 x 0.9-1.4 cm. **Espata** ausente. **Inflorescencia** apical, del tallo maduro, florece una sola vez, racemosa, nutante, 3-5 cm de largo; brácteas del pedúnculo 1-2, acuminadas, 7 mm de largo; raquis no ornamentado. **Brácteas florales** más cortas que el ovario, triangulares, acuminadas, ca. 6 mm de largo. **Flores** 15-20, sucesivas, ca. 4-7 abiertas a la vez, resupinadas, coloración pardo verdoso, labelo pardo violáceo, verdoso en la base, columna verdosa, fragancia no registrada. **Ovario** prominentemente inflado ventralmente en sus dos tercios apicales, terete, no ornamentado, 8-11.5 mm de largo. **Sépalos** entreabiertos, elípticos, obtusos, margen extendido, sin quilla dorsal, glabros, carnosos, 3-nervados, 7-7.5 x 3.5-3.8 mm. **Pétalos** entreabiertos, angostamente obovado-espatulados, redondeados, margen entero, 1-nervados (ramificados), 7 x 2.2 mm. **Labelo** unido a la columna, entero, reniforme, ligeramente emarginado, margen eroso, 7 x 12.5 mm; bicalloso, los callos subglobosos. **Columna** corta, arqueada, con un lóbulo apical a cada lado arriba de los callos, 3.5 mm de largo. **Clinandriocorto**, carnoso, entero. **Antera** subglobosa, superficie granulosa, 4-locular. **Polinios** 4, subglobosos. **Rostelo** apical, hendido. **Lóbulos laterales del estigma** de 1/3 del largo de la cavidad estigmática. **Nectario** inflado, penetrando 2/3 partes del ovario. **Cápsula** no vista.

Scandent epiphytic herb. **Roots** from the base of each stem, fleshy. **Stems** single, cane-like, terete, the new stem produced from a subapical internode of the previous stem. **Leaves** 4-6, narrowly ovate, acute, subcoriaceous; sheath striate, minutely verrucose. **Inflorescence** apical, from the mature stem, nodding, racemose. **Floral bracts** shorter than the ovary, triangular, acuminate. **Flowers** 15-20, successive, ca. 4-7 open at a time, resupinate, sepals and petals greenish-brown, lip violet-brown, greenish at base, column greenish. **Ovary** prominently inflated ventrally in the apical two thirds. **Sepals** elliptic, obtuse, 3-veined. **Petals** narrowly obovate-spathulate, rounded, 1-veined (branched). **Lip** entire, reniform, somewhat emarginate; bicallose, the callus subglobose. **Column** arched, with a pair of apical lobes above the callus. **Clinandrium** short, fleshy, entire. **Nectary** inflated, penetrating two-thirds of the ovary.

DISTRIBUTION AND ECOLOGY: Known only from French Guyana, epiphytic in groves on rocks to inselberg, 560 m altitude. Flowering in April-May.

RECOGNITION: *Epidendrum bakrense* belongs to the *E. arbuscula* Lindl. group and can be recognized by its subcoriaceous leaves, successive flowers with a prominent ventral nectary which inflates the ovary over two-thirds its length, the reniform, bicallose lip, the narrowly obovate-spathulate petals and the arching column. *Epidendrum chimantense* Hágsater & Carnevali has purple-tinged leaf-sheaths, narrow, elliptic-lanceolate leaves, the column arching only at the base and a slender, non-inflated ovary. *Epidendrum lechleri* Rchb. f., a species native to Peru, has 13 mm long sepals and a 3-lobed lip. *Epidendrum nephroglossum* Schltr. has very prominent floral bracts equal to or longer than the ovary which is not swollen, acute petals and a reduced clinandrium.

CONSERVATION STATUS: DD (data deficient).

ETYMOLOGY: In reference to the Bakra Mountains in south-central French Guyana, where the type was collected.



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