

Anacheilium crassilabium

FIGURE 1-19, PLATES 20, 21, 22

Anacheilium crassilabium (Poeppig & Endlicher) Withner, Harding & Campacci, *comb. nov.* Basionym: *Epidendrum crassilabium* Poeppig & Endlicher. 1838. *Nov. Gen. Sp.* 2: 1. t. 102.

SYNONYMS

- Epidendrum variegatum* W. J. Hooker. 1832. *Bot. Mag.* 59: t. 3151.
- Epidendrum coriaceum* Parker ex W. J. Hooker. 1837. *Bot. Mag.* 64: t. 3595.
- Epidendrum crassilabium* Poeppig & Endlicher. 1838. *Nov. Gen. Sp.* 2: 1. t. 102.
- Epidendrum variegatum* var. *virens* Lindley. 1853. *Folia Orchidacea Epidendrum* 38.
- Epidendrum variegatum* var. *coriaceum* (Parker ex Hooker) Lindley. 1853. *Folia Orchidacea Epidendrum* 38.
- Epidendrum variegatum* var. *crassilabium* (Poeppig & Endlicher) Lindley. 1853. *Folia Orchidacea Epidendrum* 38.
- Epidendrum variegatum* var. *leopardinum* Lindley. 1853. *Folia Orchidacea Epidendrum* 38.
- Epidendrum coriaceum* Focke. 1853. *Botanische Zeitung (Berlin)* 11: 228.
- Epidendrum pachysepalum* Klotzsch. 1855. *Allgemeine Gartenzeitung* 23: 274.
- Epidendrum variegatum* var. *lineatum* Reichenbach f. 1856. *Bonplandia* 4: 326.
- Epidendrum christii* Reichenbach f. 1877. *Linnaea* 41: 112.
- Epidendrum leopardinum* Reichenbach f. 1877. *Linnaea* 41: 112.
- Epidendrum longipes* Reichenbach f. 1878. *Otia Bot. Hamburgensia* 10.
- Aulizeum variegatum* (W. J. Hooker) Lindley ex Stein. 1892. *Orchideenbuch* 241.
- Epidendrum feddeanum* Kraenzlin. 1905. *Repertorium Specierum Novarum Regni Vegetabilis* 1: 188.
- Epidendrum saccharatum* Kraenzlin. 1908. *Orchis* 2: 113, f. 17.
- Epidendrum rhabdobulbon* Schlechter. 1920. *Repertorium Specierum Novarum Regni Vegetabilis, Beihefte* 7: 146.
- Epidendrum baculibulbum* Schlechter. 1923. *Repertorium Specierum Novarum Regni Vegetabilis, Beihefte* 19: 116.
- Epidendrum rhopalobulbon* Schlechter. 1924. *Repertorium Specierum Novarum Regni Vegetabilis, Beihefte* 27: 72.
- Auliza wilsoni* Galé. 1938. *Cat. Descriptivo de las Orquideas Cubanas* 60: 85.
- Epidendrum variegatum* var. *angustipetalum* Hoehne. 1947. *Arquivos de botânica do estado de São Paulo, n.s.*, 2: 82.

- Encyclia crassilabia* (Poeppig & Endlicher) Lemée. 1955. *Flore de la Guyane Française* 1: 418.
- Hormidium variegatum* (W. J. Hooker) Brieger. 1960. *Publicacao Cientifica Universidade se São Paulo, Institut de Genetica*, 1: 20.
- Hormidium coriaceum* (Parker) Brieger. 1960. *Publicacao Cientifica Universidade se São Paulo, Institut de Genetica*, 1: 20.
- Encyclia crassilabia* (Poeppig & Endlicher) Dressler. 1961. *Brittonia* 13: 264.
- Hormidium virens* (Lindley) Brieger. 1961. *Publicacao Cientifica Universidade de São Paulo, Institut de Genetica*, 2: 69.
- Encyclia vespa* (Vellozo) Dressler. 1971. *Phytologia* 21: 441; isonym: *Encyclia vespa* (Vellozo) Pabst. 1967–1972. *Orquídea* 29 (6): 277.
- Hormidium lineatum* (Reichenbach f.) Brieger. 1977. Schlechter's *Die Orchideen*, ed. 3, 571.
- Encyclia leopardina* (Reichenbach f.) Dodson & Hágsater. 1994. *Orquideología* 19 (2): 149.
- Prosthechea vespa* (Vellozo) W. E. Higgins. 1997. *Phytologia* 82 (5): 381.
- Prosthechea leopardina* (Reichenbach f.) Dodson & Hágsater. 1999. *Monographs in Systematic Botany* 75: 956.
- Prosthechea christii* (Reichenbach f.) Dodson & Hágsater. 1999. *Monographs in Systematic Botany* 75: 956.
- Prosthechea crassilabia* (Poeppig & Endlicher) Carnevali & Ramirez. 2003. *Flora of the Venezuelan Guayana* 7: 538.

DERIVATION OF NAME

Latin *crasse*, “thick,” and *labium*, “lip,” referring to the thick lip.

DESCRIPTION

An epiphyte, terrestrial, or lithophyte. Rhizome segments not conspicuous. Pseudobulbs clustered, large, bimorphic, ovoid, compressed, or long and cylindrical. Leaves two to four. Flowers five to fifteen, non-resupinate, fleshy, rigid, coloring varies, greenish white to brown with dark purple spots to transversely barred markings. Lip white with pink-purple markings on thickened apex, though this is also variable. Lip unlobed, or obscurely three-lobed, shortly clawed, adnate just above middle of the column, abruptly contracted to a fleshy acute, keeled apex, disc covered by a raised, fleshy, sulcate, soft, and folded callus conforming to the under surface of the column. Column pale green, this is also variable. Ovary three-winged.

HABITAT AND DISTRIBUTION

Costa Rica, Nicaragua, Panama, South America, and the West Indies. Found in pine and oak forest.

FLOWERING TIME

May and September to October.

CULTURE

Culture for this group is high light, lots of water when in growth, and intermediate conditions. We grow these in baskets hanging high in the greenhouse so they receive lots of light and air movement.



FIGURE 1-19. *Anacheilium crassilabium*. Drawing by Jane Herbst.

COMMENT

History has lumped many plants into this group, which used to be known as *Encyclia vespa*; however, the real *vespa* has been determined to be distinct from this group (see *Anacheilium vespa*). Similarly, *Anacheilium pamplonense* and *A. tigrinum* are also well differentiated. An article by Dunsterville and Dunsterville (1980) unambiguously separates them: those with a rounded lip are *A. tigrinum*, those with a quadrate lip are *A. pamplonense*, and those with a spadelike pointed lip are *A. crassilabium* and *A. vespa*. This separates out some of the variability; however, *A. crassilabium* still remains a highly variable species, in pseudobulb shape, flower color, and floral markings.

Plate 20, a picture of the type drawing, is a first step in sorting this puzzle. Plates 21 and 22 show two color forms of former “vespas” now *Anacheilium crassilabium*. Plate 50 shows a yet-to-be sorted out third form compared with *A. vespa*. One can see that these flowers are very different, but just how they differ and where to place the lines of division are not yet clear.

MEASUREMENTS

Pseudobulbs 6–20 cm long, 0.5–5 cm wide

Leaves 14–40 cm long, 2.5–5 cm wide

Inflorescence 30 cm long

Spathe 5 cm long

Sepals 10–13 mm long, 3–6 mm wide

Petals 7–13 mm long, 2.5–6 mm wide

Lip 7–8 mm long, 4–8 mm wide

Column 5 mm long

Anacheilium faresianum

PLATE 23

Anacheilium faresianum (Bicalho) Pabst, Bicalho, Moutinho & A. V. Pinto. 1981. *Bradea* 3: 23. Basionym: *Hormidium faresianum* Bicalho. 1973. *Bol. Soc. Camp. Orq.* 3 (3): 91. Type: Brazil, Minas Gerais, near Santo Antonio do Itambé, flowered in cultivation 10 July 1973, *Aniso Fares s.n.* (holotype: HB).

SYNONYMS

Encyclia faresiana (Bicalho) Pabst ex The International Plant Name Index.
Prosthechea faresiana (Bicalho) W. E. Higgins. 1997. *Phytologia* 82 (5): 381.

DERIVATION OF NAME

Honors Aniso Fares, the collector of the type specimen.