

# New Records of Flowering Plants for Honduras

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We began serious explorations in the flora of Honduras as well as in other of the Central American countries in 1946. Specimens of our collections made over many years are to be found in several herbaria in the United States of America and Europe. Our collections added much to the known flora of Guatemala and were especially important in the last seven volumes of that work (Flora of Guatemala, Fieldiana, Botany Vol. 24 Parts 6-13, 1961-1977).

In 1975 (Ceiba, Vol. 19: 1-118) I prepared and published a list of the vascular plants then known to us from Honduras, with the title *Enumeración de las Plantas de Honduras*. An addition to the "Enumeración" was published in Ceiba in 1977 (Vol. 21(2): 61-66) increased the known flora by 36 species. In the present contribution an additional 50 species are added to the flora bringing to 6,246 the total number of vascular plants known now to occur in Honduras, a rather impressive number!

Almost a century ago Hemsley, in *Biologia Centrali-Americana Botany*, Vol. 4: 154, 1887, reported the following for Honduras and Salvador: . . . The total number of species recorded in our Enumeration for the two countries is only 160, and some of these were probably from British Honduras rather than "Spanish".

## GRAMINEAE

*Aristida recurvata* HBK. Dept. Olancho: mountain above a fire tower Juticalpa Forest Station, between Concordia and Salamá, alt. 1400 m., Jan. 3, 1978, Pohl & Gabel 13501.

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*Bothriochloa blandhii* (Retz.) Blake. Dept. Fco. Morazán: Cultivated as forage at EAP, El Zamorano, Yeguaré River Valley, alt. 800 m., Aug. 18, 1961, *Molina 10187*, same Aug. 18, 1971, *Molina 26203* and Oct. 3, 1975, *Molina 31169*.

*Cenchrus incertus* M. A. Curtis. Dept. Gracias a Dios: beach of Caribbean Sea, east of Ras, Río Plátano, Dec. 20, 1977, *Pohl & Gabel 13373*.

*Coelorachis ramosa* (Fourn.) Nash. Dept. Fco. Morazán: along road 4 km. north of La Venta (Llamapa) wet meadow in pine forest, alt. 1000 m., June 20, 1970, *Pohl & Davidse 12030*; 21 km. N.E. of Talanga Hy. 3, alt. 940 m., July 22, 1970, *Pohl & Davidse 12416*; Dept. Comayagua: along Hy. CA-5, 12 km. east of Siguatepeque, alt. 1350 m., June 22, 1970, *Pohl & Davidse 12040*.

*Digitaria abyssinica* (Hochst.) Stapf. Dept. Fco. Morazán: El Hatillo, Tegucigalpa, alt. 1400 m., Jan. 1, 1978, *Pohl & Gabel 13466*.

*Digitaria setigera* Roth ex Roem. & Schult. Dept. Santa Bárbara: Agua Azul, north end of Lago de Yojoa, alt. 635 m., Dec. 26, 1977, *Pohl & Gabel 13403*.

*Eragrostis arida* Hitchc. Dept. Fco. Morazán: Gorge of Río Choluteca (Río El Hombre) at bridge, 6 km. south of La Venta, alt. 800 m., June 20, 1970, *Pohl & Davidse 12023*.

*Eragrostis pectinacea* (Michx.) Nees. Dept. Fco. Morazán: Athletic field of EAP El Zamorano, alt. 800 m., July 16, 1949, *Standley 21320* and *24648*; moist thicket between Toncontín and La Granja, Alt. 900 m., Oct. 3, 1951, *Standley 28802*; Las Torres near Toncontín, alt. 950 m., Feb. 10, 1952, *Standley 29498*; Dept. Choluteca: vicinity of Pespire, alt. 160-200 m., Oct. 18-27, 1950, *Standley 27170*; Dept. Valle: San Lorenzo, alt. 2 m., July 4, 1970 *Pohl & Davidse 12172*.

*Eragrostis pilosa* L. Dept. Choluteca: road to Yusguare, 4 km. east of Choluteca, alt. 70 m., July 20, 1970, *Pohl & Davidse 12381*.

*Eragrostis prolifera* (Sw.) Steud. Dept. Choluteca: Cedeño, Golfo de Fonseca, alt. 2 m., July 5, 1970, *Pohl & Davidse 12187*.

*Eragrostis tenuifolia* Hochst. ex A. Rich. Dept. Fco. Morazán: "Avenilla" weed in front of Paul C. Standley Herbarium, EAP El Zamorano, alt. 800 m., Aug. 22, 1980, *Molina 31812*.

*Ichnanthus lasiochlamys* Mez. Dept. El Paraíso: 7 km. N.W. of San Lucas, alt. 1300 m., July 3, 1970, *Pohl & Davidse 12160*.

*Jouvea straminea* Fourn. Dept. Choluteca: Cedeño, around a salina, behind the dune, near beach of the Pacific Ocean, alt. 1 m., Jan. 5, 1978, *Pohl & Gabel 13506*.

*Lithachne humilis* Sods. & Cald. Dept. Olancho: along road to Las Lomas, northeast of Catacamas, alt. 450-500 m., March 22, 1949, *Standley 18472*; vicinity of Catacamas, *Standley 18808*; 22 km. E.N.E. of Juticalpa, along Hy. 3, alt. 400 m., *Jul ley 18808*; 22 km. E.N.E. of Juticalpa, along Hy. 3, alt. 400 m., July 23, 1970, *Pohl & Davidse 12421*; Cortés: carretera Chamelecón-Cofradía, alt. 150 m., Dec. 21, 1950, *Molina 3870*.

*Muhlenbergia glabrata* (HBK.) Kunth. Dept. Fco. Morazán: along road 13 km. west of Mateo, cut-over pine forest, steep hill, alt. 1620 m., Aug. 11, 1971, *Pohl 12737*.

*Panicum angustifolium* Ell. Dept. Comayagua: along Hy. CA-5, 12 km. east of Siguatepeque, alt. 1350 m., June 12, 1970, *Pohl & Davidse 12045*; Dept. Fco. Morazán: Cerro Uyuca, ca. 8 km. west of El Zamorano, alt. 1300 m., June 16, 1970, *Pohl & Davidse 11966*; 25 km. north of Zambrano, on road to San Francisco de Soroguara, alt. 1370 m., July 1, 1970, *Pohl & Davidse 12128*.

*Panicum elephantipes* Nees. Dept. Santa Bárbara: Agua Azul, north end of Lake Yojoa, alt. 635 m., Dec. 26, 1977, *Pohl & Gabel 13406*.

*Panicum laxiflorum* Lam. Dept. Fco. Morazán: Cerro Uyuca, ca. 8 km. west of El Zamorano, alt. 1670 m., June 16, 1970, *Pohl & Davidse 11952*; Llamapa, S.W. of Talanga, Rancho Regina Archaga, alt. 1400 m., Jan. 6, 1978 *Pohl & Gabel 13519*.

*Panicum mattamuskeetense* Ashe. Dept. El Paraíso: 31 km. south of El Zamorano, on road between Güinope and Maraita, alt. 1360 m., July 3, 1970, *Pohl & Davidse 12152*.

*Paspalum acuminatum* Raddi. Dept. Santa Bárbara: beach of Lake Yojoa, near El Sauce, alt. 650 m., June 26, 1970, *Pohl & Davidse 12095*; Dept. El Paraíso: 32 km. west of Danlí, Hy. 4, alt. 700 m., June 19, 1970, *Pohl & Davidse 12014*; Dept. Fco. Morazán: Gorge of Río Choluteca (Río El Hombre) at birdge, 6 km. south of La Venta, alt. 800 m., June 20, 1970, *Pohl & Davidse 12020*.

*Paspalum affine* Steud. Dept. El Paraíso: 32 km. west of Danlí along Hy. 4, alt. 700 m., June 14, 1970, *Pohl & Davidse 11923*.

*Paspalum coryphaeum* Trin. Dept. El Paraíso: moist banks of Quebrada El Ingenio Los Angeles, near Yuscarán town, alt. 1000 m., July 5, 1962, *Molina 10787*; Quebrada Dantas, at Jct. of Hy. 4 and Yuscarán road, alt. 600 m., Aug. 12, 1971, *Pohl 12739*; Comayagua: 8 km. east of Siguatepeque, alt. 1500 m., June 30, 1970, *Pohl & Davidse 12113*; along new Hy. 10 km. N.W. of Siguatepeque, pine forest, alt. 1080, Aug. 14, 1971, *Pohl 12766*.

*Paspalum cymbiforme* Fourn. Dept. El Paraíso: 5 km. north of Las Manos, near Los Limones, alt. 880 m., Dec. 30, 1977, *Pohl & Gabel 13428*; Dept. Fco. Morazán: Llamapa south west of Talanga, Rancho Regina, alt. 1300 m., Jan. 6, 1978, *Pohl & Gabel 13531*.

*Paspalum setaceum* Michx. Dept. Gracias a Dios; beach of Caribbean Sea, alt. 2 m., Dec. 18, 1977, *Pohl & Gabel 13357*.

*Paspalum setaceum* var. *stramineum* (Nash) Banks. Dept. Atlántida: Playa Paradise, just west of Tela, alt. 0 m., June 24, 1970, *Pohl & Davidse 12070*.

*Paspalum standleyi* Chase. Dept. Gracias a Dios: up river from Las Marías; locality is called Siksatava or Guine Grande, alt. 60 m., Dec. 17, 1977, *Pohl & Gabel 13347*.

*Setaria poiretiana* (Schult.) Kunth. Dept. El Paraíso: 5 km. north of Las Manos, near Los Limones, alt. 880 m., Dec. 30, 1977, *Pohl & Gabel 13427*.

*Tripogon spicatus* (Nees) Ekman. Dept. Fco. Morazán: along Hy. 3, 4 km. south of La Venta, alt. 800 m., July 22, 1970, *Pohl & Davidson 12404*.

#### CYPERACEAE

*Cyperus virens* Michx, Dept. Copán: 2 miles east of Copán Ruinas, alt. 600 m., Aug. 27, 1975, *Molina & Molina 30758*; Dept. Ocotepeque: Quebrada San Rafael de las Mataras, 6 miles N.E. of Ocotepeque, alt. 1300 m., Sept. 1, 1975, *Molina & Molina 30938*.

#### DIOSCOREACEAE

*Dioscorea pilosula* Hemsl. Dept. Fco. Morazán: cultivated at EAP El Zamorano, alt. 800 m., June 13, 1977, *Molina 31634*.

#### IRIDACEAE

*Trimeza martinicensis* (Jacq.) Herb. Dept. Comayagua: orillas de la Quebrada Potrerillos, 9 km. south of Siguatepeque, April 21, 1974, *Hazlett 1473*.

#### MYRICACEAE

*Myrica leptoclada* DC. Dept. Comayagua: "Chimiche" bosque lluvioso de Montaña de Buenos Aires, Lago de Yojoa, alt. 600 m., Dic. 30, 1977, *Benito Agurcia 2*.

#### LAURACEAE

*Persea primatogena* L. Wms. & Molina. Dept. Comayagua: "Aguacatillo" aldea Ocomán cerca de Villa Taulabé, alt. 1500 m., Oct. 1979, *Catastro Forestal s.n.*

#### LEGUMINOSAE

*Arachis glabrata* Benth. Dept. Cortés: cultivated at La Lima, May 21, 1976, *Dickson 3816*.

*Dalea lutea* var. *gigantea* (Rose) Barneby. Dept. Intibucá: bosque abierto de Cerro El Pelón de Yamarangüila, 5 km. del pueblo de Yamaragüila, alt. 2000 m., Nov. 27, 1958, *Molina 8738*.

## RUTACEAE

*Zanthoxylum harmsianum* (Loes.) P. Wilson. Dept. Comayagua: Quebrada El Rincón, 15 km. al sur de Siguatepeque, camino a Jesús de Otoro, alt. 1500 m., abril 6 1957, *Molina* 7999; Dept. Cortés: bosque nebuloso de Cusueo, Montaña Idalfonso al norte de Cofradía, alt. 2100 m., abril 17-18, 1957, *Molina* 8259; Dept. Ocotepeque: Cordillera de Merendón arriba de El Portillo, 20 km. al este de Nueva Ocotepeque, alt. 2000 m., enero 17, 1976, *Molina et al.* 31305.

## MELIACEAE

*Cedrela tonzii* C. DC. Dept. El Paraíso: bosque húmedo de Trojes, Montaña de Capire, abril 1977, *sin colector ni número*.

*Guarea caoba* C. DC. Dept. Comayagua: "Tococy" bosque lluvioso de Montaña de Buenos Aires, Lago de Yojoa, alt. 600 m., Dic. 12, 1977, *Benito Agurcia* 3.

## MALPIGHIACEAE

*Byrsonima bucidaefolia* Standl. Dept. Gracias a Dios: savanas de la Mosquitia, Dic. 11, 1977, *Jorge A. Molina* 31638.

## EUPHORBIACEAE

*Croton draco* Schlecht. Dept. Yoro: Montaña de Morillos, cuenca del Río Machigua, alt. 1100 m., enero 31, 1979, *Witkowski* 155.

## ACERACEAE

*Acer negundo* var. *mexicanum* (DC.) Standl. & Steyerl. Dept. Comayagua: Montaña Zancudal, alt. 1500 m., Oct. 1979, *Catastro Forestal s.n.*

## MALVACEAE

*Abutilon andrieuxii* Hemsl. Dept. El Paraíso: Sierra de la Villa Santa, at edge of ravine near Río California, alt. 1000 m., Jan. 12, 1976, *Molina et al.* 31250.

*Bakeridesia exaltata* Bates. Dept. El Paraíso: Sierra de la Villa Santa, at edge of ravine near Río California, alt. 1000 m., Jan. 12, 1976, *Molina et al* 31253.

*Pseudabutilon paniculatum* (Rose) R. E. Fries. Dept. El Paraíso: pine forest of Sierra de la Villa Santa near Río California, alt. 1000 m., Jan 12, 1976, *Molina et al* 31252.

#### GUTTIFERAE

*Clusia conferta* Standl. Dept. Comayagua: bosque lluvioso de montaña Buenos Aires, Lago de Yojoa, alt. 600 m., Dic. 30, 1977, *Benito Agurcia* 6.

*Vismia angusta* Miq. Dept. Copán: wet forest of Quebrada Jaral, 4 miles north east of Santa Rita, alt. 700 m., Aug. 28, 1975, *Molina & Molina* 30798.

#### ERICACEAE

*Empedoclesia brachysiphon* Sleumer. Dept. Comayagua: Cerro Azul de Meámbar, alt. 1400 m., Aug. 10, 1974, *Hazlett* 1916.

#### THEOPHRASTACEAE

*Jacquinia flammea* Millsp. Dept. Atlántida: Timsa, on steep boulders of cliff 20' above water level at edge of sea, Jan. 3, 1980, *Dickson* 4223.

#### COMPOSITAE

*Eupatorium nubigenum* Benth. Dept. Yoro: montaña de Morillos, Río Machigua, alt. 850 m., enero 25, 1979, *Witkowski* 162.

*Spiracantha cornifolia* HBK. Dept. Fco. Morazán: "Cachito" weed in coffee plantation of EAP El Zamorano, alt. 800 m., Aug. 22, 1980, *Molina* 31813.

*Wedelia fertilis* McVaugh. Dept. Fco. Morazán: Las Flores, slopes of mountain Uyuca, alt. 1600 m., Oct. 20, 1948, *Standley* 13333; moist banks along trail to the cloud forest of mountain Uyuca, alt. 1600 m., Aug. 27, 1976, *Molina & Molina* 31546.