

## POSSIBLE TYPHOON DISPLACEMENT OF A CHINESE GOSHAWK TO GUAM

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The Chinese Goshawk (*Accipiter soloensis*) is usually a very rare transient in the Marianas island chain. Pratt et al. (1987) listed the Chinese Goshawk from Guam, but provided no documentation. Thus, Reichel and Glass (1991) listed the species as hypothetical for Guam. An influx of this bird was seen 19 September to 2 October 1992 (Stinson 1992, Stinson et al. 1995). This influx may have been attributable to storm disruptions (Stinson et al. 1995).

I (EHW) observed a Chinese Goshawk fly into Guam from the north on 20 November 1992. It did not appear to land on the island. This record was approximately two months after the previous Chinese Goshawk reports which were attributed to the disruption of the normal September-to-early-October migration from Japan to the Philippines by Typhoon Ryan 12-13 September 1992 (Stinson et al. 1995). The observation is significant because it extends the duration of the Chinese Goshawk geographic disruptions from 12 days to more than two months, extends the duration of this disruption approximately one month beyond the normal migration time northwest of this region [from Korea to Taiwan via Kyushu and the Ryukyus], and indicates that five major typhoons in the preceding three months (28 August to 24 November 1992) in this region may have disrupted bird geographic distributions more severely than Stinson et al. (1995) suggested. Wiles et al. (1993) positively identified four Chinese Goshawks from Cocos Island, Guam, and reported a number of apparent sightings of this bird from Guam from the autumn of 1992 until mid-January 1993. Our record further supports his apparent records and suggests this was a long-term displacement. Wiles et al. (2000) list additional sporadic sight records of the Chinese Goshawk throughout Micronesia of this bird from 1993 through 1998 and one collection on Guam 19 September 1994.

Stinson et al. (1997) and Wiles et al. (2000) suggest that "... small numbers of Chinese Goshawks are regular winter visitors to western Micronesia", but "In rare years, such as 1992, abundance is noticeably higher" (Wiles et

al. 2000: 267). We believe that our record adds credence to the multiple-typhoon displacement suggestion for explaining the unusual occurrence of Chinese Goshawks in Micronesia in 1992.

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### LITERATURE CITED

- Pratt, H. D., P. L. Bruner, and D. G. Berrett. 1987. A field guide to the birds of Hawaii and the tropical Pacific. Princeton University Press, Princeton, New Jersey, USA. 409pp.
- Reichel, J. D., and P. O. Glass. 1991. Checklist of the birds of the Mariana Islands. *Elepaio* 51:3-11.
- Stinson, D. 1992. Chinese sparrowhawks visit the Marianas. *Koko's Call* [Newsletter of the Marianas Audubon Society] 9(10):2-3.
- Stinson, D., R. E. Johnson, M. R. Lusk, C. G. Rice, and D. T. Aldan. 1995. New bird records in the Mariana Islands. *Micronesica* 28:109-117.
- Stinson, D., G. J. Wiles, and J. D. Reichel. 1997. Migrant land birds and water birds in the Mariana Islands. *Pacific Science* 51:314-327.
- Wiles, G. J., R. E. Beck, Jr., C. F. Aguon, and K. D. Orcutt. 1993. Recent bird records for the southern Mariana Islands, with notes on a colony of Black Noddies on Cocos Island. *Micronesica* 26:199-215.
- Wiles, G. J., D. J. Worthington, R. E. Beck, Jr., H. D. Pratt, C. F. Aguon, and R. L. Pyle. 2000. Noteworthy bird records for Micronesica, with a summary of raptor sightings in the Mariana Islands. *Micronesica* 32:257-284.
- Williams, E. H., Jr., and L. B. Williams. 1986. A list of birds from the Sesoko Marine Science Center, Okinawa, with notes on birds from Kume and the Yaeyama Islands. *Galaxea* 5:295-297.